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Lancaster Farming

VOL. 29 No. 39 | Four Sections | Lancaster Farming, Saturday, July 28, 1984 | $7.50 per Year

Cain-View tops Del. dairy show

BY JACK HUBLEY

HARRINGTON, Del. — Though Delaware's celebrated state fair ran throughout the week, Wednesday belonged to Cain-View Farm, with Cain-View Holsteins dominating the dairy judging at the state fairgrounds in Harrington.

Based within walking distance of the fairgrounds, Cain-View went home with grand and reserve grand champion honors as well as both senior and reserve senior champion awards. Cain-view Holsteins were also named first in the aged cow, dry cow, produce of dam, best three females, best dairy herd and best of sire divisions, as well as accounting for the first three placings among two-year-olds.

Escorted by Billy Joe Heath, Cain-View Velvet Rose was named grand champion and senior champion as well as first among two-year-olds. She also captured best udder honors over all breeds represented at the show.

A September 1981 S-W-D Velvet daughter, Rose classified very good-88 as a two-year-old. Her dam was Cain-View El Last Rose.

And right behind Rose in the reserve grand champion slot was Cain-View El Mary Kay. A July 1977 Round Oak Rag Apple Elevation daughter, May Kay was also named reserve senior champion and first in the aged cow class. Classified excellent-90, Mary Kay's dam was Cain-View Kay.

Junior champion honors in open Holstein competition went to Vossmon Valiant Valerie exhibited by Norman Voss, Jr., with reserve going to Dutch-Ayr Paul Shennan exhibited by Deborah Vanderwende.

(Turn to Page A26)

In the winners' circle of York Holstein Show are, from the left, Jim York, Sue Beshore with reserve grand champion, C.E. Hubbard III with his grand champion of both the 4-H Roundup and Show, judge Jim Shaw and Fred Myers.

Youth sweeps at York

BY JOYCE BUPP
AND DICK ANGLESTEIN

YORK — They make quite a pair.

They possess and display a rare combination of youth and maturity in the dairy showring.

They move about together with that sprightly perkiness that is so typical of the confidence of youth.

At only three her stature, confirmation and development shows a maturity of dairyness well beyond that of many who are several years her senior.

And at only 15, he displays dairy savy and showmanship equal to that of those many years his senior.

While she is only briefly out of calfhood and he only briefly out of boyhood, they were unbeatable at York this week.

The dynamic duo of C. E. Hubbard III, of New Cumberland, and his 4-H cow, Kowraygan Creek Linnan Jean, put together back-to-back grand championships in both the 4-H Roundup on Wednesday and the York County Holstein Show on Thursday.

While the successive top wins may be a bit out of the ordinary, the winner's circle has been a frequent home for the pair, who have fully arrived in Holstein competition at both the county, regional and statewide levels in the past couple of years.

This week's showing was one better than last year. As a senior two-year-old last year, Jean captured the reserve Holstein grand championship of the roundup and the grand championship of the county Holstein show.

Other wins in the interim have included reserve junior division champion at the past two state shows and reserve grand championships at the South Central 4-H Show and the State Junior Dairy Show.

There were more top wins too for entries out of the Beshore family herd of New Cumberland. A four-year-old, Kerchenhill Creek

(Turn to Page A30)

PRV and how it can travel

BY DICK ANGLESTEIN

HARRISBURG — While the pseudorabies cleanup aimed at complete eradication is progressing, an episode earlier this year demonstrated how the heavy interstate traffic of hogs into and out of Pennsylvania almost carried the disease into a neighboring state.

Dr. John Cable, of the PDA's Bureau of Animal Industry, reports that some 30 breeding and finishing operations are still under quarantine in the Lancaster County area.

With the last known outbreak confirmed in late April, state officials are hopeful that depopulation and cleanup in breeding operations can be completed by the end of October. Depopulation of finishing operations through marketing channels would then follow about four months later.

Earlier this year, both Pennsylvania and Maryland officials were concerned that PVR may have been carried back from a Lancaster County finishing operation into a large 1200-sow operation that supplies feeder pigs on contract between the two states.

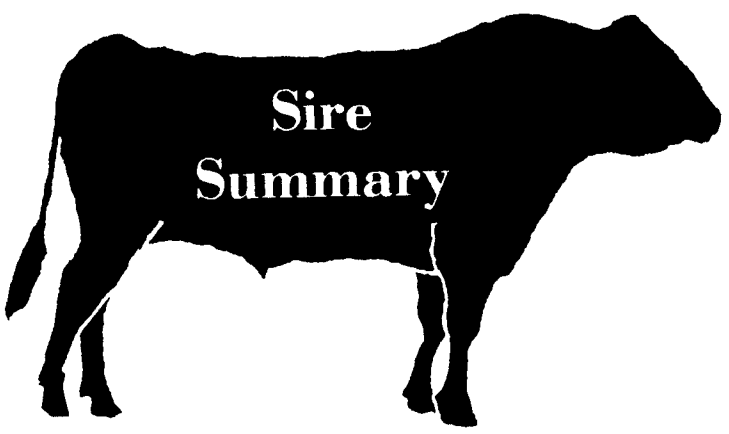
Forty-one gilts selected out of a finished batch were taken back to the Maryland sow operation as replacements. All 41 tested positive for PVR, but fortunately they had been properly isolated and promptly tested before being placed into the main operation.

Thus far, the sow operation has tested negative for pseudorabies.

This incident illustrates the problem faced by Pennsylvania officials in their efforts to eradicate the disease – an effort that is complicated by the daily heavy movement of hogs into and out of the state.

Hog movement – many into and out of the Lancaster area – covers

(Turn to Page A36)



BELTSVILLE, Md. — The July 1984 USDA-DHIA Sire Summary was recently released and appears in this week's Lancaster Farming beginning on Page D18 through Page D31.

The Sire Summary, which lists active AI sires, was compiled by the USDA and the Dairy Herd Improvement Association. All transmitting abilities are expressed as deviations from the 1982 genetic bases, used for the first time this past January, and are labeled PD82.

Predicted differences are listed for both yield and percentage for all three milk components - fat, protein and solids-not-fat.

Grange meeting says

Preserve the family farm

BY JACK HUBLEY

LANCASTER — The future of the family poultry farm was the topic addressed by a variety of speakers at the Pennsylvania Grange Poultry Meeting on Thursday night at the Farm and Home Center in Lancaster.

Poultry and egg producers from Lancaster, Adams, Cumberland, Juniata and Mifflin Counties were on hand to hear presentations on topics ranging from computer technology to poultry house fumigation.

The evening's first speaker was Edward H. Krebs, an economic consultant and farmer from Grantville.

"The family poultry farm is in danger," Krebs admonished, pointing out that more efficient poultry and egg producing techniques continue to increase production at a yearly rate well in excess of human population growth. This situation, Krebs warned, is responsible for the current symptoms of overproduction plaguing the industry; namely static product prices alongside sharply increasing production costs.

While the small independent farmer may choose the poultry business simply because he enjoys this type of farming, Krebs observed that his competition may be involved for very different reasons. Using large domestic corporations and foreign companies as examples, Krebs pointed out that such investors may be motivated by low-cost government loans or available tax shelters. The economist warned that the family farmer will have a difficult time competing with the large efficient

(Turn to Page A38)

Penn State's Ag Progress Days

In a little over three weeks all roads will lead to Rock Springs and Penn State's Ag Progress Days

Lancaster Farming's Special Ag Progress Issue will be published on Saturday, August 18. It will contain a schedule of events, list of exhibitors and a map to make it easy to find them and plenty of features about the three-day event scheduled Aug. 21-23.

The deadline for advertisers to get their Ag Progress message into the special issue is Friday, Aug. 10

Livestock market and auction news

Lancaster Market

Monday, July 23
Report Supplied By USDA

	Cattle	Calves	Hogs	Sheep
Today	1153	203	1053	453
Last Monday	1541	158	1078	615
Last Year	1777	178	1211	483
Monday's Auction	1136	149	1132	427
Last Monday's Auction	1599	200	1010	783

CATTLE: Compared to last Monday slaughter steers 75-1.00 lower; heifers steady to 1.00 lower; cows 1.00-1.50 higher; bullocks steady to 1.00 higher; bulls 2.00-3.00 lower. Supply included 59% steers, 11% heifers, 12% cows, and 18% bulls.

SLAUGHTER STEERS: Few high Choice and Prime 3-4 1150-1350 lb. 67.25-69.25; Choice 2-4 1050-1400 lb. 63.60-67.50, mostly 64.00-66.50; high Good and low Choice 2-3 950-1250 lb. 60.50-64.00; Good 2-3 975-1300 lb. 59.00-62.50; Good and Choice 2-3 Holsteins 1050-1400 lb. 50.00-54.85, few Choice 55.75-59.75, Standard 1-2 49.00-49.75.

SLAUGHTER HEIFERS: Choice 2-3 900-1150 lb. 58.00-61.75; high Good and low Choice 825-1025 lb. 55.25-58.00; Good 2-3 850-1125 lb. 51.50-55.25; few Good 900-1150 lb. heiferettes 43.00-47.75.

COWS: Breaking Utility and Commercial 2-3 42.00-44.50, few 45.00-46.00; high Cutter and Boning Utility 1-3 40.50-43.00; Canner and Cutter 1-2 38.50-40.50.

BULLOCKS: Choice 1025-1450 lb. 54.00-58.00; Good 900-1300 lb. 50.50-55.00; Standard 950-1300 lb. 46.00-50.75.

BULLS: Yield grade 1 1400-2075 lb. 48.00-52.00, seven head 52.50-54.25, 1000-1400 lb. 45.50-50.00.

VEAL CALVES: Vealers steady to 5.00 lower, except Choice and Prime 5.00-10.00 lower. Demand moderate for Holstein bulls to return to farm.

VEALERS: High Choice and Prime 150-350 lb. 85.00-95.00; Choice 150-350 lb. 75.00-85.00; high Good and low Choice 160-350 lb. 60.00-75.00, 120-160 lb. 55.00-65.00, 80-115 lb. 45.00-55.00.

RETURNED TO FARM: Bulk 90-120 lb. Holstein Bulls 75.00-85.00.

SHEEP: Spring lambs 1.00-3.00, instances 5.00 higher; slaughter ewes steady to 3.00 higher. Supply included around 100 goats.

SPRING LAMBS: Choice and Prime 90-110 lb. 60.00-65.00; Choice 85-110 lb. 58.00-60.00; Good 75-95 lb. 53.00-58.00; Good and Choice 35-70 lb. bucks 60.00-80.00, females 50.00-60.00.

SLAUGHTER EWES: Utility and Good 15.00-23.00.

GOATS: All goats sold by the head, bulk 25.00-40.00, large mature 45.00-55.00, kids 20.00-25.00.

Vintage Auction

Tuesday, July 24
Report supplied by USDA

	Cattle	Calves	Sheep	Goats
Today	1009	923	20	0
Last Tuesday	1068	829	26	0
Last Year	1337	974	38	5

CATTLE: Compared to last Tuesday slaughter steers mostly steady; not enough heifers last week for price comparison; cows fully steady; bulls and bullocks scarce. Supply included 62% slaughter steers and 35% cows.

SLAUGHTER STEERS: High Choice and Prime 3-4 1100-1400 lb. 68.75-70.50, several 71.00-73.35; several high Good and low Choice 1-2 1225-1400 lb. 68.50-72.10; Choice 2-4 1075-1350 lb. 65.50-69.35, mostly 66.00-68.10; high Good and low Choice 2-3 1075-1325 lb. 62.00-65.50; Good 2-3 950-1250 lb. 60.00-63.85; Good and Choice 2-3 Holsteins 1100-1400 lb. 53.25-56.50, few Choice 56.75-59.75.

SLAUGHTER HEIFERS: Choice 2-4 875-1100 lb. 58.00-61.25.

COWS: Breaking Utility and Commercial 2-3 39.75-43.25, few to 45.00; high Cutter and Boning Utility 1-3 38.00-41.75, few to 43.25; Canner and low Cutter 1-2 34.75-38.50.

BULLOCKS: Few Good and Choice 975-1400 lb. 45.50-51.75, individual 58.00.

BULLS: Few yield grade 1 1400-2000 lb. 43.75-48.50, three head 51.25-52.00.

VEAL CALVES: Vealers unevenly steady. Supply included 623 in graded sale of which 75% sold to return to farm.

VEALERS: Couple Choice 170-220 lb. 70.00-77.00; few high Good and low Choice 160-230 lb. 51.00-68.00, 120-160 lb. 49.00-57.00, 85-115 lb. 40.00-50.00, 60-85 lb. 30.00-44.00, few 60 lb. 25.00.

RETURNED TO FARM: 59 head 83-102 lb. Holstein heifers 44.00-50.00, six head 117 lb. 60.00. 216 head 100-125 lb. Holstein bulls 83.00-93.50; 127 head 90-100 lb. 47.00-74.00; 54 head 80-90 lb. 45.00-46.00.

SHEEP: Insufficient receipts for market test.

SPRING LAMBS: Few Choice 60-85 lb. 54.00-61.00.

Lancaster Auction

Wednesday, July 25
Report supplied by USDA

	Cattle	Calves	Hogs	Sheep
Today	181	38	767	50
Last Wednesday	188	32	601	120
Last Year	184	35	798	34
Wednesday's Auction	181	38	702	50
Last Wednesday's Auction	133	32	577	68

CATTLE: Limited sales slaughter steers and heifers steady; cows not fully tested, few sales 25-50 lower; bullocks scarce; bulls not fully tested.

SLAUGHTER STEERS: Choice 2-4 1100-1400 lb. 63.50-67.75, few 68.00-68.50, individual 70.25; few high Good and low Choice 2-3 950-1350 lb. 61.00-65.00; few Good and Choice 2-3 Holsteins 1375-1550 lb. 50.00-55.00.

SLAUGHTER HEIFERS: Choice 2-4 875-1200 lb. 58.00-61.75, few head Choice and Prime 62.25-64.00; Good and Choice 2-3 850-1175 lb. 53.00-57.50.

COWS: Few Breaking Utility and Commercial 2-3 41.75-44.00, three head 45.75-47.50; high Cutter and Boning Utility 1-3 40.00-42.75; Canner and low Cutter 34.00-37.75.

BULLS: Few yield grade 1 1150-2680 lb. 44.00-48.75, individual 52.25.

VEAL CALVES: Small supply vealers steady to 3.00 higher.

VEALERS: High Good and low Choice 80-115 lb. 45.00-58.00.

SHEEP: Spring lambs unevenly steady.

SPRING LAMBS: Choice and Prime 80-100 lb. 60.00-62.00; Choice 80-100 lb. 58.00-60.00; Good 70-95 lb. 55.00-58.00.

New Holland Livestock

Thursday, July 26, 1984
Report Supplied by USDA

	Cattle	Calves	Sheep	Goats
Today	1287	800	60	56
Last Thursday	1587	740	46	86
Last Year	1588	635	10	23

CATTLE: Compared to last Thursday slaughter steers 1.00-1.50 higher; heifers not enough for a market test; cows 2.00-3.00 higher; bullocks 1.00-2.00 higher; bulls steady to 1.00 higher.

SLAUGHTER STEERS: High Choice and Prime 3-4 1200-1475 lb. 68.10-71.10, 22 head 71.25-73.10, individual 73.85; Choice 2-4 1075-1400 lb. 65.00-68.50, bulk 66.00-68.00; high Good and low Choice 2-3 1050-1450 lb. 63.00-65.50; Good 2-3 950-1350 lb. 60.00-63.50; Holsteins, Good and Choice 2-3 1150-1450 lb. 51.75-54.75, couple 56.75-57.00, few Standard 46.85-51.25.

SLAUGHTER HEIFERS: Few Choice 2-3 925-1075 lb. 58.00-60.25; few Good 775-1025 lb. 52.25-57.50.

COWS: Breaking Utility and Commercial 2-4 41.50-45.00, several 45.25-48.25; high Cutter and Boning Utility 1-3 40.00-43.25, few to 44.75; Canner and Cutter 36.50-40.00.

BULLOCKS: Choice 950-1350 lb. 53.75-59.00; Good 850-1250 lb. 48.50-54.00.

BULLS: Yield grade 1 1100-2170 lb. 46.25-51.25, four head 51.00-56.75.

VEAL CALVES: Vealers over 160 lb. 2.00-6.00 lower, 80-115 lb. mostly steady.

VEALERS: High Choice and Prime 160-375 lb. 85.00-95.00, couple 98.00 and 107.00; Choice 150-350 lb. 72.00-82.00; high Good and low Choice 160-300 lb. 50.00-68.00, 80-115 lb. 48.00-56.00, few 60-80 lb. 38.00-50.00.

RETURNED TO FARM: Bulk 90-135 lb. Holstein bulls 68.00-88.00; 70-90 lb. 51.00-68.00.

SHEEP: Spring lambs 4.00-5.00 lower; slaughter ewes mostly steady.

SPRING LAMBS: Choice 65-110 lb. 60.00-67.00; Good and Choice 60-75 lb. 50.00-57.00.

SLAUGHTER EWES: Utility and Good 16.00-25.00.

GOATS: All goats sold by the head; bulk 15.00-32.00, large mature 27.00-46.00.

Lancaster County Weekly

Friday, July 27

	Cattle	Calves
This Week	3950	1970
Last Week	4510	1759
Last Year	5213	1846

CATTLE: Slaughter steers weak to .50 lower; heifers .50-1.00 lower; cows 1.00-1.50 higher; bullocks 1.00-2.00 higher; bulls 2.00-3.00 lower. Supply included 56% slaughter steers, 6% slaughter heifers, 21% cows, 8% bulls, with the balance feeders.

SLAUGHTER STEERS: High Choice and Prime 3-4 1100-1475 lbs 67.25-71.00, mostly 68.75-71.10, several 71.25-73.85; several Good and Choice 1-2 1225-1400 lb. 68.50-72.10; Choice 2-4 1050-1400 lb. 63.60-69.35, bulk 64.00-68.00; high Good and low Choice 2-3 950-1450 lb. 60.50-65.50; Good 2-3 950-1350 lb. 59.00-63.85; Good and Choice 2-3 Holsteins 1050-1500 lb. 50.00-56.50, few Choice 56.75-59.75, Standard 1-2 46.85-51.25.

SLAUGHTER HEIFERS: Choice 2-4 875-1150 lb. 58.00-61.75, few head Choice and Prime 62.25-64.00; high Good and low Choice 2-3 775-1125 lb. 51.50-57.50.

COWS: Breaking Utility and Commercial 2-4 39.75-45.00, bulk late 41.50-45.00, with several 45.25-48.25; high Cutter and Boning Utility 1-3 38.00-43.25, late 40.00-43.25; Canner and Cutter 1-2 34.75-40.50.

BULLOCKS: Choice 900-1450 lb. 53.75-59.00; Good 850-1300 lb. 48.50-55.00; Standard 950-1300 lb. 46.00-50.75.

BULLS: Yield grade 1 1400-2680 lb. 47.00-52.00, few 52.50-56.75, 1000-1400 lb. 43.75-48.00.

VEAL CALVES: Vealers over 150 lb. 5.00-10.00 lower, except Good and Choice 80-115 lb. 2.00-3.00 lower. Demand good for Holstein bulls to return to farm.

VEALERS: High Choice and Prime 150-375 lb. 85.00-95.00; Choice 150-350 lb. 72.00-85.00; high Good and low Choice 160-350 lb. 50.00-75.00 late 50.00-69.00, few 120-160 lb. early weak 55.00-65.00, 80-115 lb. 45.00-58.00 few down to 40.00, few 60-80 lb. 30.00-50.00 few 25.00.

RETURNED TO FARM: 59 head 83-102 lb. Holstein heifers 44.00-50.00, few 117 lb. 60.00. Bulk 90-130 lb. Holstein bulls 68.00-93.50; 70-90 lb. 45.00-68.00.

Chambersburg Livestock

Thursday, July 26
Report supplied by PDA

CATTLE: 237. Compared with last Thursday's market: Sl. cows 2.00-3.50 higher. Sl. steers: few Good 54.75-57.75; few Holsteins 48.85-55.00. Sl. cows: Breaking Utility & Commercial 42.75-45.75; Cutter 39.75-43.75; Canner & L. Cutter 36.75-40.00. Sl. bulls: Yield Grade No. 1, 43.00-52.35.

CALVES: 434. Few Choice 60.00-75.00; few Good 54.00-59.00; 75-110 lbs. 46.00-54.00; 60-85 lbs. 44.00-50.00.

FARM CALVES: Hol.Bulls 90-125 lbs. 55.00-92.00; Hol. Heifers 80-125 lbs. 53.00-60.00.

HOGS: 80. Barrows and gilts .25 lower; few lot US No. 1-2 230-235 lbs. 54.85-55.60; few lots No. 1-3 207-257 lbs. 53.00-54.60; US No. 1-3 300-495 lbs. 35.00-40.75.

FEEDER PIGS: 17. One lot US No. 1-3 50 lbs. at 29.00 per head.

SHEEP: 11. few Good & Choice 60-120 lbs. 47.00-59.00. Few Sl. ewes: 16.50-19.00.

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LANCASTER STOCK YARDS

AUCTIONS

MONDAY
9:00 A M — Slaughter Bulls, Heifers, Steers, Cows
11:00 A M — Veal Calves, Lambs, Hogs
TUESDAY
10:00 A M — Slaughter Hogs
1:00 P.M. — Feeder Pigs
WEDNESDAY
8:00 A.M. — Slaughter Hogs
10:00 A.M. — Slaughter Bulls, Heifers, Steers, Cows
11:00 A.M. — Veal Calves, Lambs, Hogs
12 NOON — Slaughter Sale Load Lot (5 or more)
FRIDAY
11.00 A.M. — Stocker and Feeder Cattle
SATURDAY
8:00 A.M. — Slaughter Hogs

GRADED FEEDER CATTLE SALE
FRIDAY, AUGUST 3rd

LANCASTER STOCKYARDS, INC.
1147 Lititz Pike Lancaster, Pennsylvania 17601
Serving The Community For 87 Years

HAY, STRAW & CORN — SALE —
Every Friday at 12 Noon
GREEN DRAGON MARKET & AUCTION
RD No. 4 Ephrata, Pa. 717-738-1117
1 mile North of Ephrata on N. State St.
Out of State Buyers - Cash or Certified Check Only

VINTAGE SALES STABLES, INC.
Sale Every Tuesday
10:30 A.M.
Slaughter Cattle Auction - Steers, Bulls, Heifers, Cows, Feeder Cattle.
Get calves in early. We start to grade and weigh at 2:00.
Sale Every Saturday
9 A.M.
Hog Sale
Business Phone
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Home Phone
215-458-8518
L. Robert Frame, Manager
Box 100 Paradise, PA
10 miles East of Lancaster on Rt. 30

B&R CATTLE CO.
RD1, Marietta, PA 17547
Office Phone
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JOHN BOWMAN
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Ph (717) 656 9849

LEBANON VALLEY LIVESTOCK MARKET, INC.
1 mile East of Fredericksburg along Route 22
PHONE:
JONESTOWN
865-2881
Sale every Tuesday at 1 30 P M starting with feeder cattle and pigs
Also Hay Sale every Tuesday at 12 30

HOG MARKETS

Lancaster Hogs
Lancaster Stockyards
Monday, July 23
Report supplied by USDA

HOGS: Compared to last Wednesday barrows and gilts .25, instances .50-1.00 higher; sows steady to 2.00 lower.

BARROWS AND GILTS: US 1-2 210-250 lb. 56.75-57.50, few 58.00-58.25. US 1 210-240 lb. 59.00-61.00. US 1-3 215-260 lb. 55.75-56.50.

SOWS: US 1-3 300-500 lb. 38.00-43.00, over 500 lb. 42.00-45.25.

Tuesday, July 24

Today	142
Last Tuesday	177
Last Year	168

TREND: Compared to Monday barrows and gilts .25-.50 higher.

BARROWS AND GILTS: US 1-2 210-250 lb. 57.00-58.00. US 1-3 215-260 lb 56.00-57.00.

Wednesday, July 25

HOGS: Compared to Monday barrows and gilts steady to .50, instances 1.00 lower; sows steady to 2 00 lower.

BARROWS AND GILTS: US 1-2 215-245 lb. 56.50-57.50. US 1 215-245 lb 57.50-58.50. US 1-3 210-250 lb. 55 25-56.50.

SOWS: US 1-3 300-650 lb. 38.00-43 00.

Lancaster Hogs
Lancaster Stockyards
Saturday, July 21
Report supplied by auction

600 head.

BARROWS AND GILTS: US 1 220-250 lbs. 58.00-59.50, a few from 60.00-61.00; US 1 & 2 220-250 lbs. 57.00-58.00; US 1 & 3 220-260 lbs. 55.50-57.00.

SOWS: Over 500 lbs. 41.00-44.00; under 500 lbs. 40.00-43.75.

BOARS: Over 300 lbs. 35.50-36 50; under 500 lbs. 44.00-49.35.

Lancaster Feeder Pigs
Tuesday, July 24
Report supplied by USDA

Today	1430
Last Tuesday	772
Last Year	980

TREND: Compared to last Tuesday feeder pigs weighing 30-60 lb. steady to 10.00 lower. All pigs weighed on arrival and sold by the hundred weight.

US 1-2: 22 head 23-27 lbs. 96.00-118.00; 145 head 39-39 lbs. 84.00-94 00; 408 head 40-49 lbs. 79.00-86.00; 351 head 50-59 lbs. 75.00-85 00; 32 head 60-70 lbs. 70.00-71.00.

US 2-3: 16 head 20-27 lbs. 90.00-103.00; 75 head 30-35 lbs. 84.00-99.50; 16 head 70-86 lbs. 61.00-69.00.

New Holland Feeder Pigs
Wednesday, July 25
Report supplied by USDA

Today	478
Last Wednesday	727
Last Year	626

TREND: Compared to last Wednesday feeder pigs 5.00-10.00 lower. All pigs weighed on arrival and sold by the hundred weight.

US 1-2: 10 head 23 lbs. 106.00; 66 head 30-39 lbs. 74.00-85.00; 278 head 40-59 lbs. 69.00-81.00; 30 head 65-70 lbs. 73.00-77.00.

US 2-3: 46 head 26-37 lbs. 69.00-78.00; 5 head 43-47 lbs. 66.00-73.00.

New Holland Hogs
New Holland Sales Stables
Monday, July 23
Report supplied by USDA

Today	1890
Last Monday	1891
Last Year	1862

TREND: Compared to last Monday barrows and gilts .25-.75 lower.

BARROWS AND GILTS: US 1-2 210-250 lb. 56.75-57.50. US 1 210-240 lb. 58.50-60.00. US 1-3 220-260 lb. 55.75-56.75.

Vintage Hogs
Vintage Sales Stables
Saturday, July 21
Report supplied by auction

192 head.

US 1 & 2 215-245 lbs. 56.00-57.25; US 2 & 3 218-248 lbs. 55.50-56.50.

Indianapolis Hogs
Thursday, July 26
Report supplied by USDA

900. Barrows & gilts slow, 1.50 lower.

BARROWS & GILTS: US 1-2 215-250 lb. 53.50-54.00. US 1-3 210-250 lb. 53.00-53.50. US 2-3 Lot 310 lb. 49.00.

SOWS: Slow, over 500 lb. 3.00-3.50 lower, except one lot steady early; under 500 lb. not tested. (8%) US 1-3 500-550 lb. 42.50-45.00, lot near 620 lb. 43.00 early.

BOARS: Under 250 lb. 42.00-44.00; over 250 lb. 32.00-34.00.

St. Louis Hogs
Thursday, July 26
Report supplied by USDA

4000. Barrows & gilts moderate, 1.25-1.50 lower.

BARROWS & GILTS: US 1-2 220-260 lb. 53.50-54.00; 200-220 lb. 53.00-53.50. US 1-3 200-240 lb. 52.00-53.00; 260-270 lb. 52.00.

SOWS: Under 500 lb. .50-1.00 lower; over 500 lb. 2.00 lower. (10%) US 1-3 350-500 lb. 42.00-43.00, under 350 lb. 44.00-45.00, over 500 lb. 45.00-47.00

BOARS: Over 250 lb. 38.00; one lot 275 lb. 44.00; under 250 lb. 46.00.

Peoria Hogs
Thursday, July 26
Report supplied by USDA

3000. Barrows & gilts slow, mostly 1.50 lower.

BARROWS AND GILTS: US 1-2 220-250 lb. 53.50-54.00, 50 head 54.25-54.50. US 1-3 220-250 lb. 52.50-53.50.

SOWS: Weights under 500 lb. steady-.50 higher; over 500 lb. 1.00-1.50 lower. (17%) US 1-3 few 300-350 lb. 43.00-43.50; 350-500 lb. 42.00-43.00; 500-650 lb. 44.00-44.50.

BOARS: Over 350# 39.00-39.50; 250-350# 37.00-38.00; under 250# 45.50-46.00.

Peoria Cattle
Thursday, July 26
Report supplied by USDA

Slaughter Steers and Heifers steady to 1.00 lower, mostly .50-1.00 lower. Cows mostly 2.00-3.00 lower for the week. Bulls 4.00 lower Monday and not well tested Wednesday. Steer and Heifer supply mostly good to average Choice 1000-1150 lb. Steers and 850-975 lb. Heifers. Cow supply about 7%.

SLAUGHTER STEERS: Choice 2-4, mostly 3, 1050-1175 lbs. 65.50-66.50, couple part loads 1225-1375 lbs. 67.00; 980-1050 lbs. 64.00-65.50. Mixed Good and Choice 2-3, 900-1050 lbs. 63.00-64.50. Good 2-3, 900-1100 lbs. 58.00-63.50. Few Good 2-3 Holsteins 1170-1250 lbs. 51.00-55.00.

SLAUGHTER HEIFERS: Choice 2-4, 925-1000 lbs. 63.50-65.50, couple loads 1000-1110 lbs. 66.00; 850-975 lbs. 59.00-64.00. Mixed Good and Choice 2-3, 850-975 lbs. 60.00-63.00. Good 2-3, 825-950 lbs. 54.00-60.00.

COWS: Breaking Utility and Commercial 2-3, 38.50-42.00; Cutter and Boning Utility 1-2, 36.50-41.00; Canner and low Cutter 33.00-37.00.

BULLS: Yield Grade 1-2, 1150-2165 lbs. 42.00-48.00.

North Jersey Livestock
Hackettstown, N.J.
Tuesday, July 24
Report supplied by auction

1276 head.

Calves 24.00-75.00; Cows 25.00-47.50; Easy Cows 11.00-39.25; NC Calves 17.00-48.00; Heifers 36.75-54.25; Bulls 30.00-56.00; Steers 41.50-56.25; Hogs 30.00-56.00; Roasting Pigs, each 18.00-29.00; Kids 10.00-36.00; Boars 35.00-40.00; Sows 34.00-39.00; Sheep 9.00-45.00; Lambs, each 9.00-46.00; Lambs, per lb. 31.00-66.00; Goats, each 12.00-47.00; Hides 18.00.

U.S. Inspected Livestock Slaughter

Estimated Daily Livestock

CATTLE	CALVES	HOGS	SHEEP
Week to Date (Est.)			
526,000	44,000	1,069,000	94,000
Same Period Last Week (Est.)			
544,000	41,000	1,089,000	95,000
Same Period Last Year (Act.)			
506,000	54,000	1,208,000	93,000

Chicago Grain Futures

(Closing Bids as of Thursday, July 26)

Mo.	Corn	Wheat	Soybeans	Soybean Meal
Aug.			6.21¼	157.20
Sept.	2.93¼	3.43¾		
Oct.				160.90
Nov.			6.06¾	
Dec.	2.77½	3.61¼		
Jan. '85			6.20	
Mar. '85	2.85¾	3.71½	6.34¼	
May '85	2.91½	3.74	6.44½	

Trends - Corn - steady to weaker; Wheat - steady to weaker; Soybeans - steady to weaker; Soybean Meal - steady to weaker.

Market Provided by Merrill-Lynch Commodities, York

Futures Trading

(Closing Bids as of Thursday, July 26)

Mo.	Chicago Cattle	Chicago Hogs	NY Maine Potatoes
Aug.	63.22	51.60	
Oct.	61.47	47.97	
Nov.			3.58
Dec.	62.50	49.62	
Feb. '85	63.35	51.27	
April '85	64.17	47.95	
May '85			4.79

Trends - Cattle - weaker; Hogs - weaker; Potatoes - weaker.
Market Provided by Merrill-Lynch Commodities, York

ATTENTION HOG PRODUCERS

Now you have a choice of marketing your fat hogs on any one of 4 days a week through Walter M. Dunlap and Sons.

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For market information contact Ken Smoker or Ollie Nagle at 717-397-5136.

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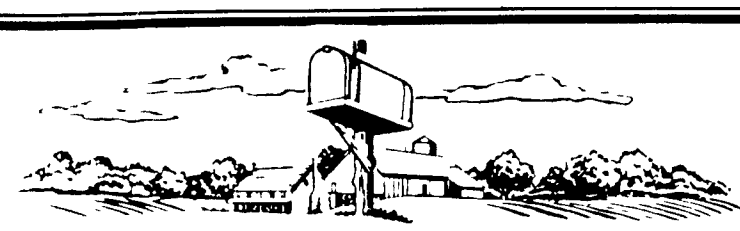


In this issue

· Four Sections

Editorials

Editorially speaking	A10

Dairy

Lebanon Dairyman	A20
DHIA Conference	A22
Cumberland County DHIA	D16
Juniata County DHIA	D19
Luzerne County DHIA	D17
Sire Summary	D18
York County DHIA	D32
Lebanon County DHIA	D34
Perry County DHIA	D35
Dauphin County DHIA	D36

Columns

Now is the time	A10
On being a farm wife	B 5
Ladies have you heard?	B15
Ida's Notebook	B17
Dairy Business	B31
Dairy Pipeline	B32
Milk Check	B34
Livestock Ledger	D 2
Brockett's Ag Advice	D37

Home and Youth

Homestead Notes	B 2
Home on the Range	B 6
Cook's Question Corner	B 8
Susquehanna Dairy Princess	B 8
Lancaster Poultry Queen	B 9
Kid's Korner	B10
Quilt Exhibit	B12
Chester Co Dairy Roundup	B14
FFA Washington Conference	B18
Bucks, Montgomery Swine Show	B20
Lebanon Fashion Revue	B23
Summer's Bounty	B24
Dairy Princess Seminar	B26
Cherry Queen	B28

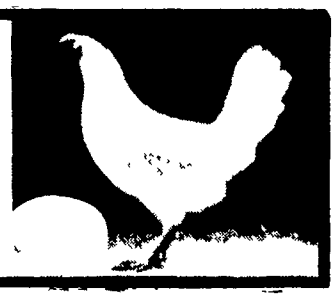
Departments

Farm Calendar	A10
Mailbox Markets	B36
Classified Ads	C 5
Livestock Latest	D 2
Business News	D 6
Public Sales	D40

Features

Co-op session	A18
Specter visit	A24
Winterthur	A31
Smokey Hill Sale	A32
Md farm	C 4

POULTRY MARKETS



Nest Run Eggs

Prices are from Egg Clearinghouse, Inc., (ECI) Durham, N.H. and reflect trading prices for gradable nest run eggs (GNR) on ECI, a nationwide trading center for producers, packers and marketers. GNR eggs are classified by weight in 30-dozen cases, and traded in lots of either 300 or 750 cases. Prices are FOB buyers dock, and are computed Tuesday and Thursday of each week. This week's prices for each classification were:

Classification		DATE July 24 Tuesday	DATE July 26 Thursday
Class 1 - Large	48 lbs.	58	58
Class 2 - Large	45 lbs.	55½	55½
Class 3 - Medium	42 lbs.	41½	41½
Class 4 - Small	39 lbs.	31	31
Breaking Stock	48 lbs.	44	44
Checks	48 lbs.	39	39

N.E. Weekly Shell Egg Report

Tuesday, July 24
Report supplied by USDA

Prices paid per dozen Grade "A" Brown eggs in cartons delivered to retail stores:

	Ex. Large	Large	Medium	Small
MASS.X	.95-.97	.93-.95	.73-.75	.50-.52
Mostly	.95	.93	.73	.50
N. HAMP.	.84-.88	.81-.85	.61-.65	.38-.42
Mostly	.86-.87	.83-.84	.63-.64	.40-.41
R.I.	.84-.93	.81-.91	.62-.71	.39-.48
Mostly	.87-.90	.83-.85	.65-.68	.42-.45
VERMONT	.90-.99	.88-.96	.68-.76	–
Mostly	.95-.99	.93-.96	.73-.76	–
MAINE	.90-.95	.88-.93	.68-.73	.45-.50

X Includes Central and Western Sections only.

Heinsey's Poultry Market

Root's, East Petersburg
Tuesday, July 24
Report supplied by auction

RABBITS: 4-6 lbs. range .40-.60 per lb.
RABBITS: 7-11 lbs. range .30-.42 per lb.
BUNNIES: 1.00-1.50 ea.
GUINEA PIGS: range 1.00-2.50 ea.
GOATS: range 20.00-55.00 ea.
KID GOATS: range 12.00-27.00 ea.
TOTAL NUMBER COOPS: 280.

Eastern Pa. & N.J. Poultry

Wednesday, July 25
Report supplied by USDA

Market Comment: Trading prices are firm especially for next week's limited offering. Supplies reflected some increase this week but continue to be shorter than needed to maintain normal operation. Finished product sales continue to hold at seasonally fair levels.

Prices Paid at Farm:

Light Type Hens: 8-10½, mostly 10-10½.

F.O.B. Plant: 13-16, mostly 13-15.

New York Multiple Drop Broiler Report

Thursday, July 26
Report supplied by USDA

Current broiler/fryer negotiated prices for immediate delivery includes mostly multiple-drop shipments to New York City from Delmarva.

RANGE: U.S. Grade A .52-.58; Weighted AVG.: U.S. Grade A 55.98; Premium (X) Boxes 9,179.

(X) Includes special services, selected competitive brands, etc.

Weekly New York Egg Market

From Friday, July 20 to Thursday, July 26

		Fri.	Mon.	Tues.	Wed.	Thurs.
WHITE						
Jumbo		.85	.85	.85	.85	.85
Ex Large		.79	.79	.79	.79	.79
Large		.74	.74	.74	.74	.74
Medium		.58	.58	.58	.58	.58
Pullets		.43	.43	.43	.43	.43
Off Grade		.61	.61	.61	.61	.61
BROWN						
Jumbo		–	–	–	–	–
Ex Large		.87	.87	.87	.87	.87
Large		.83	.83	.83	.83	.83
Medium		.65	.65	.65	.65	.65
Pullets	Unquoted					
Peewees	Unquoted					
Off Grade						
Undergrades		.37	.37	.37	.37	.37
Checks		.35	.35	.35	.35	.35

Breaking Stock: Friday - 12.90-13.50.

Delmarva Poultry

Thursday, July 26
Report supplied by USDA

Market Comment: Movement of ready to cook whole birds is slightly improved over yesterday, but generally remains only fair in most quarters. Leg items and wings attract on only limited inquiries. Breast items are usually more in balance with demand. Slaughter schedules are heavy. Weights are mixed. Live supplies fully adequate. Undertone barely steady to weak.

Today's L.T.L. asking prices are unchanged on U.S. Grade A at 53-58 cents.

Estimated slaughter of broiler fryers in Delmarva (000).

Estimated 7/26 1,927,000; Actual 7/19 1,935,000; 7/24 1,885,000; Average Weights 7/24 4.23; Average Weights 7/17 4.18.

Philadelphia Eggs

Thursday, July 26
Report supplied by USDA

MARKET COMMENT: Prices unchanged. Cartoned egg movement continues only fair overall. Promotional activity is only spotty but helps keep supplies in manageable balance. Floor stocks of extra large are seasonably light but adequate in most quarters. Large and medium are in good balance to fully adequate. Nest run offerings are in uneven balance with heavier weight classes in the closest position. Undertone steady to fully steady.

Prices to retailers: sales to volume buyers, consumer grades white eggs in cartons delivered store door:

A Extra Large .71-.73; A Large .70-.72; A Medium .53-.55.

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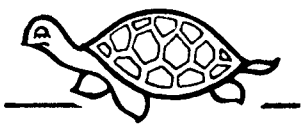

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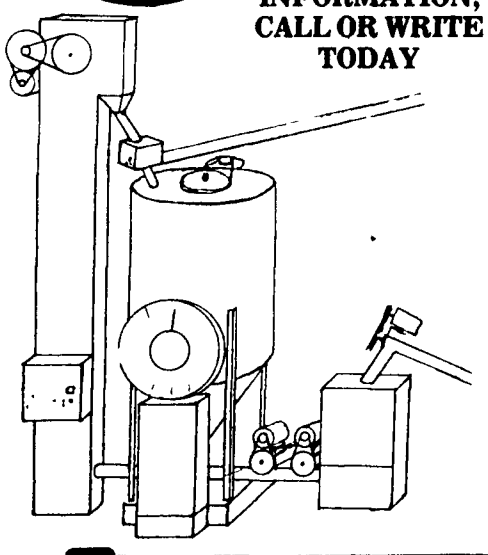

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Here is What it Costs to Make Your Own 16% Grind and Mix Ration

Ingredients	Cost/Unit	Total Cost	Crude Protein
430 lbs. 48% Soybean Meal	$208.00/Ton	$44.72	206 lbs.
710 lbs. Shell Corn	$ 3.85/Bushel	$48.81	60 lbs.
700 lbs. Ear Corn	$135.00/Ton	$47.25	54 lbs.
100 lbs. Molasses	$ 6.50/100 lbs.	$ 6.50	3 lbs.
60 lbs. Vitamin-Mineral Premix	$ 23.50/50 lb. bag	$28.20	—0—
Grinding & Mixing	$ 9.50/Hammermill Mix	$ 7.95	—0—

TOTAL COST PER TON: **$183.43** 323 lbs. = 16.1%

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HAY MARKETS

New Holland Hay
New Holland Sales Stables
Monday, July 23
Report supplied by auction

95 loads. Active market prices steady with last week. Lower quality of hay offered today due to rain damage.

Alfalfa, few lds. 116.00-139.00, 1 ld. 187.00, several other lds. either baled with moisture or rain damage, 1st cutting, 52.00-87.00.

Mixed Hay, a few better lds., 90.00-107.00, few quality 70.00-90.00, few went for mulch about 50.00.

Timothy, better lds. 80.00-112.00, fair quality, 59.00-80.00; Meadow Grass, 61.00; Clover, 77.00; Ear Corn, 140.00-148.00, 2 lds. with some mold damage, 96.00, 131.00.

Oats, 2.70-2.95 bu.; Soybeans, roasted 7.85 bu.

Keister's Hay
Middleburg, Pa.
Tuesday, July 24
Report supplied by auction

13 loads.

Mixed hay 75.00-92.50; Mulch 27.50-40.00; Straw 62.50-75.00, Ear Corn 130.00-142.50.

Good's Hay
Leola, Pa.
Wednesday, July 25
Report supplied by auction

59 loads.

Mixed Hay, 82.00-115.00; Corn, 135.00-149.00; Straw, 85.00-112.00; Alfalfa, 61.00-141.00.

Timothy, 84.00-106.00; Clover, 87.00, 110.00; Oats, 1.85 bu.

Leinbach's Hay
Shippensburg, Pa.
Tuesday July 24
Report supplied by auction

16 loads.

Alfalfa 72.00-80.00; Mixed hay 55.00-64.00; Timothy 54.00-64.00; Straw 44.00-76.00; Ear Corn 111.00-130.00.

Regional Hay
Friday, July 20
Report supplied by PDA

(All hay No. 2 and better, prices paid by dealers at the farm, and per ton.)

Hay and straw uneven, mostly steady to strong.

Alfalfa 80.00-100.00; Mixed hay 65.00-90.00; Timothy hay 60.00-90.00; Straw 50.00-65.00; Mulch 25.00-40.00.

Green Dragon Hay
Ephrata, Pa.
Friday, July 20
Report supplied by PDA

34 Loads Hay and 12 Loads Straw.

Alfalfa 75.00-110.00, one load 120.00; Mixed hay 40.00-116.00, mostly 60.00-91.00; Timothy hay 40.00-145.00, mostly 70.00-111.00; Straw 80.00-106.00, one load 65.00; Ear Corn, 8 loads 138.00-147.00, one load 120.00.

New Wilmington Hay
New Wilmington, Pa.
Friday, July 20
Report supplied by PDA

6 Loads Hay.

Alfalfa, one load 115.00; Mixed hay, 2 loads 35.00 & 40.00; Timothy hay, few 70.00-85.00; Ear Corn, 13 loads 117.50-125.00; Oats, 4 loads 2.62-3.00 per bu.

Pa. Grain
Monday, July 23
Report supplied by PDA

Compared with last Monday's market, for Southeastern, Central and South Central, PA. Corn and Barley steady to 10 cents lower; Wheat uneven, mostly steady to weak; Oats steady to 15 cents lower; Ear Corn steady to $2 lower.

Prices paid delivered to dealers dock - (All prices per bushel, except Ear Corn per ton.)

Southeastern Pa.

Corn No. 2-y range 3.85-4.10, few reported 3.75, average 3.97, New Crop 2.75-2.94; Wheat No. 2 range 3.40-3.67, average 3.53; Barley No. 3 range 2.30-2.55, average 2.43; Oats No. 2 range 2.00-2.25, few reported 2.50, average 2.20; Soybeans No. 1 range 6.50-6.60, average 6.55, New Crop 5.75-6.00; Gr. Sorghum #2 New Crop 2.40; Ear Corn range 107.00-120.00; average 114.08.

Central Pa.

Corn No. 2-y range 3.80-4.05, average 3.95; Wheat No. 2 range 3.30-3.60, average 3.43; Barley No. 3 range 2.40-2.60, few reported 2.20, average 2.40; Oats No. 2 range 2.00-2.40, average 2.16, Soybeans No. 1 range 5.80-6.50, average 6.07; Ear Corn range 110.00-120.00; average 114.09.

South Central Pa.

Corn No. 2-y range 3.80-4.00, average 3.94; Wheat No. 2 range 3.20-3.50, average 3.36; Barley No. 3 range 2.40-2.65, few reported 2.05, average 2.49; Oats No. 2 range 2.25-2.50, average 2.34; Ear Corn range 113.00-130.00, average 121.75.

Southeastern, Central & South Central Summary

Corn No. 2-y range 3.80-4.10, average 3.96; Wheat No. 2 range 3.30-3.60, average 3.47; Barley No. 3 range 2.30-2.60, average 2.43; Oats No. 2 range 2.00-2.50, average 2.20; Ear Corn range 110.00-125.00, average 116.07.

Western Pa.

Corn No. 2-y range 3.65-4.00, average 3.88; Wheat No. 2 range 3.10-3.20, average 3.15; Barley No. 3 2.50, average 2.50; Oats No. 2 range 2.20-2.60, average 2.36; Ear Corn range 90.00-115.00, average 101.67.

Carlisle Livestock Auction
Carlisle, Pa.
Tuesday, July 24
Report supplied by auction

CATTLE: Steers: Choice 63.00-65.00; Good 58.00-62.75; Medium 57.00 down; Good Holsteins 52.75-54.75. Heifers: Good 53.00-54.25; Medium 52.00 down. Cows: Large run with active bidding. High Yield 41.00-44.25; Average 37.00-41.00; Big Middle 36.25-40.50; Fatty Herf to 41.50; Shelly 36.00 down. Fat Bulls: Medium-Good 47.00-53.00.

FEEDER CATTLE: Good run, especially active for Choice cattle, prices higher! Steers: (300-550 lbs.) Choice 65.00-75.00; Good 56.00-59.00; Medium 47.00-50.00; Culls 47.00 down. Steers: (600-850 lbs.) Medium Holsteins 41.00-45.00. Heifers (all weights): Choice 53.00-56.00; Good 47.00-52.00; Medium 42.00-47.00; Utility 36.00-41.00. Bulls (all weights) Few Medium to 50.00.

VEAL CALVES: 5.00 higher on large run. Choice 75.00-85.00; Good 60.00-75.00; Medium 50.00-65.00; Light/weak 49.00 down. Farm Bulls- 70.00-88.00. Farm Heifers- 62.00-72.00.

HOGS: Barrows & Gilts 210-250 lbs. 55.85-57.85; over 260 lb. 52.00-55.50; Under 210 48.85-52.00.

SOWS: Large run. Over 450 lb. 40.00-42.50; thin under 450 37.50-43.75. Boars- Heavy 32.25-35.25; Light to 47.50.

FEEDER PIGS (by the hd) 4.00 higher; 30-45 lbs. 30.00-32.00 hd.; 50-60 lbs. 25.00-39.00 hd.

SHEEP: Lambs- Too few to test market. Goats: (Lg) 36.00-4.00 (hd); Sm./Med 12.00-28.00 (hd).

Sale every Tues. evening 7:00 p.m. for Livestock; 5:15 p.m. for Rabbits and Eggs.

New Holland Dairy
New Holland Sales Stables
Wednesday, July 25
Report supplied by auction

Reported receipts of 109 cows, 100 heifers, and 3 bulls.

Market steady.

Load of Franklin Co. fresh cows 640.00-875.00, springers 700.00-935.00.

Load from PA cows 660.00-1000.00.

Load of NY purebreds & grades fresh cows 835.00-1375.00, springers 950.00-1150.00.

Load of NY purebreds & grades fresh cows 675.00-1300.00.

Purebreds 750.00-950.00.

Locally consigned cows 395.00-900.00.

Springing heifers 450.00-825.00.

Open heifers 255.00-450.00.

Bulls 575.00-710.00.

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MONDAY

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For Your Protection Your Hogs Must Be Identified

10:00 AM

HORSES MULES

11:00 AM

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STRAW
GRAIN

1:30 PM

BEEF SALE
CALF, SHEEP, GOATS

WEDNESDAY

12:00 NOON

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HEIFERS, BULLS

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WEDNESDAY
FEEDER PIG SALE
1:30 P.M.

We endeavor to keep our barns cleaner than yours.
State graded until 12 Noon

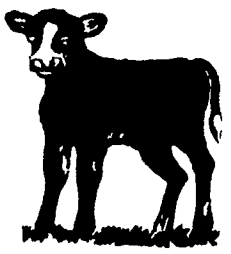
THURSDAY

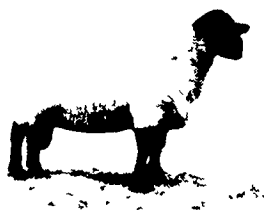
11:00 AM

BULLS -

STEERS - BEEF COWS

3:30 P.M.

CALVES 



SHEEP
GOATS

Market your livestock thru New Holland Sales, your neighbor does
Pick-up your check before you leave

Livestock market and auction news

Lebanon Valley Livestock

Fredericksburg, Pa.
Tuesday, July 24, 1984
Report Supplied by PDA

CATTLE 150. Compared with last Tuesday's market, slaughter steers steady to $1, spots $2 lower. Slaughter cows unevenly steady. Choice 2-4 1070-1630 lbs. slaughter steers 64.25-67, one at 62.50, Good 56.25-59.75, few down to 54.85, Good & Choice holsteins 52.00-55.75, Standard 43.00-45.75, one at 47.25, few Utility & Low Standard 35.25-42. Choice 3-5 slaughter heifers 53.00-59, few Good 51.50-54.85, few Standard 44.00-49.85, few Utility 34.75-41.25. Few Breaking Utility & Commercial slaughter cows 43.10-46.85, one at 53.25, Cutter & Boning Utility 39-42.60, Canner & Low Cutter 36.60-38.75, Shells 30.35-35.50, few down to 23.00. Yield Grade No. 1 1185-2030 lbs. slaughter bulls 47.00-53.35, one #2 1260 lbs. at 45.75.

CALVES 232. Vealers grading Standard and Good mostly $1-$5 lower. One Choice vealer at 80.00, few Good 58.00-67, Standard and Good 90-120 lbs. 49.00-53, few to 55.00, 60-90 lbs. 44.00-50, Utility 45-100 lbs. 20.00-43.00, few down to 11.00.

FARM CALVES: Holstein Bulls 90-135 lbs. 53.00-83.00. Few Beef cross bulls and heifers 75-100 lbs. 52.00-55.00.

HOGS 108. Barrows and gilts small supply 1-2's 75 cents-$1.50 lower. US No. 1-2 220-260 lbs. barrows and gilts 56.25-56.60, lot 57.10, No. 1-3 2-5-265 lbs. 55.25-56.10, lot No. 2-3 302 lbs. at 46.50. US No. 1-3 280-520 lbs. sows 40.00-43, few 45.25, few No. 2-3 4-500 lbs. 37.50-38.75. One Boar at 33.50.

FEEDER PIGS AND SHEEP: NO SALES ON OFFER.

Morrison Cove Livestock

Martinsburg, Pa.
Monday, July 23, 1984
Report Supplied by Auction

CATTLE 284. Compared with last Monday's market High Choice & Prime slaughter steers 65.25-67.25, Choice 59-64.75, Good 55.50-58.50, Standard 51-53.25, Utility 46-50.75. Choice slaughter heifers 61-64.25, Good 56-60.50, Standard 51.25-54.75, Utility 45.50-50.25. Breaking Utility & Commercial slaughter cows 45.50-47.25; Commercial 39.75-44.00, Cutter & Boning Utility 37-39.50, Canner & Low Cutter 31-36.75, Shells down to 29.00. Choice slaughter bullocks 54-58.50, Good 50.50-52.25, Standard 46-49.00, Utility 39-45.25. Yield Grade No. 1 slaughter bulls, 54.50-56.25, Yield Grade No. 2 51-53.50.

FEEDER CATTLE: Steers, Choice 350-700 lbs. 56-61.00, Good 350-700 lbs. 51-54.00, Medium 350-700 lbs. 46-49.00. Heifers, Good 3-600 lbs. 50.50-56.00, Medium 3-600 lbs. 42-49.00. Bulls, Good 350-700 lbs., 52-57.00, Medium 350-700 lbs. 43-51.00.

CALVES 407. Prime Vealers 81-86, Choice 74-79, Good 68-72, Standard & Good 110-130 lbs. 56-61.00, 90-110 lbs. 49-54, 70-90 lbs. 45-48.00. Utility 40-60 lbs. 40-44.00.

FARM CALVES. Holstein bulls 90-130 lbs. 71-97, Holstein heifers 95-110 lbs. 62-78.00.

HOGS 289. US No. 1-2 210-240 lbs. barrows and gilts 57.75-59, No. 1-3 2-240 lbs. 56-57.25, No. 2-3 2-260 lbs. 54.75-55.75; 1-3 310-350 lbs. 47.50-51.00, No. 1-3 160-180 lbs. 48-52.00. Sows. US No. 1-3 350-600 lbs. sows 42-46.00, No. 2-3 350-600 lbs. 38-41.50. Boars 31.25-32.75, Light Weights 32.75-36.25.

FEEDER PIGS 38. US No. 1-3 40-50 lbs. feeder pigs 34-37.00 per head, No. 1-3 30-35 lbs. 24-29.00, No. 1-3 25-30 lbs. 18-21.00 per head.

SHEEP 10. Choice 90-110 lbs. 58-64.00, Good 80-90 lbs. 48-52.00, Utility 60-70 lbs. 42-49.00. Slaughter ewes 11-19.00. GOATS 22: 8-44.00 per head.

Eighty-Four Livestock

Eighty-Four, Pa.
Monday, July 23, 1984
Report Supplied by PDA

CATTLE 302. Compared with last Monday's market, slaughter cows mostly $1 higher. Few Choice slaughter steers 61.50-63, few Good 58.00-61, Standard 51.00-57, Utility 46.50-51.50. Few Choice slaughter heifers 60.00-61, few Good 55.00-58, Standard 47.50-53, Utility 41.00-46. Breaking Utility & Commercial slaughter cows 42.00-45.25, few to 47.00, Cutter & Boning Utility 38.00-42.50, Canner & Low Cutter 33.00-38.50, Shells down to 26.00. Yield Grade No. 1 1100-1800 lbs. slaughter bulls 47.00-53.50, #2 900-1600 lbs. 44.00-48.00.

FEEDER CATTLE: Medium Frame #1 400-600 lbs. feeder steers 47.00-55.00. Medium Frame #1 380-550 lbs. feeder heifers 40.00-48. Medium Frame #1 450-700 lbs. feeder bulls 41.00-52, few #2 400-600 lbs. 37.00-41.00.

CALVES 339. Vealers $2-$5 lower. Choice vealers 70.00-78, Good 58.00-61, Standard and Good 90-120 lbs. 48.00-57, 60-85 lbs. 38.00-48.00.

FARM CALVES: Holstein Bulls 90-125 lbs. 65.00-80.00.

HOGS 110. Barrows and gilts 25 cents-50 cents higher. Few US No. 1-2 220-240 lbs. barrows and gilts 55.80-56, No. 1-3 2-250 lbs. 54.25-55.50, few No. 2-3 210-240 lbs. 52.50-53, few No. 1-3 170-190 lbs. 50.25-52.25. US No. 1-3 350-550 lbs. sows 43.00-44, No. 2-3 4-630 lbs. 41.00-42.50. BOARS 31.00-35.00.

FEEDER PIGS 6. Few US No. 1-3 25 lbs. feeder pigs at 15.50 per head, few No. 1-3 57 lbs. at 41.50 per head.

SHEEP 178. Spring slaughter lambs 50 cents to $1 lower. High Choice & Prime 80-100 lbs. spring lambs 59.00-64, few 54-67 lbs. 59.00-60, Good 58-65 lbs. 51.00-53. Slaughter sheep 10.00-15.00. GOATS 32: 12.00-38.00 per head.

Penns Valley Livestock

Centre Hall, Pa.
Tuesday, July 24
Report supplied by auction

Beef Cows: Utility and Commercial 42.25-45.50; Cutters 38.10-41.50; Canners 35.75-37.85; Shells 26.00.

Heifers: Good 54.00-58.00; Commercial 40.25-46.10.

Steers: Good 50.75-53.10; Standard 48.00-51.00.

Bulls: Good 50.50-52.50; Standard 45.50-48.65.

Feeder Cattle: 300-500 lbs. large frame 48.00-63.00; 300-500 lbs. small frame 44.00-47.00; 500-700 lbs. small frame 42.00-48.00.

Veal Calves: Choice 80.00-86.00; Good 66.00-78.00; Standard 52.00-65.00; Utility 44.00-51.00.

Farm Calves: Bulls 75.00-90.000; Heifers 65.00-74.00.

Hogs: 55.25-57.25.

Sows: 39.50-42.50.

Boars: 32.00-33.00.

Shoats: 25-30 lbs. per head 11.00-21.00; 30-35 lbs. per head 23.00-28.00; 35-50 lbs. per head 31.00-44.00.

Lambs: 46.00-51.00.

Sheep: 8.00-12.00.

Goats per head 12.00-24.00.

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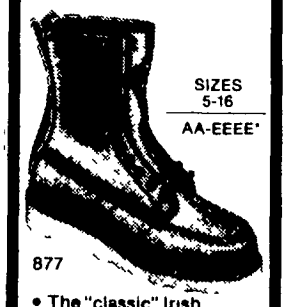

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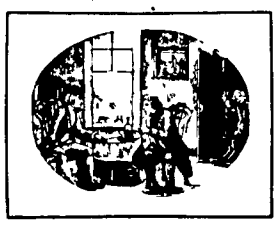
THE OLD FARMER'S ALMANAC

JULY 30-AUG. 5, 1984

A wet start but don't lose heart.

Fertilize house plants frequently now for vigorous growth In God We Trust became official U S motto July 30, 1956 First quarter of moon Aug 3 (Fri) Average length of days for the week 14 hours 26 minutes Twelve-inch hail in Scituate Mass July 31 1769 First transcontinental journey by auto (a Packard) completed Aug 1 1903 Colorado became 38th state Aug 1 1876 *For fighting men are praised but children are punished*



Ask the Old Farmer: What was the name of the weight that delivery men attached to the bit ring of a horse to keep him from wandering? L M B, Thousand Oaks, Calif

This was called a tether weight tether meaning to confine within certain limits

Home Hint Place grapefruit hulls dome sides up in your garden at evening to attract slugs

OLD FARMER'S WEATHER FORECAST

New England: Start to midweek rain with cool temperatures, end of week sunny and warm

Greater New York-New Jersey Showers to start week, midweek rain with warm temperatures, sunny and warm to end week

Middle Atlantic Coastal Week starts clear and hot, rain by midweek, sunny and warm at week's end

Piedmont & Southeast Coastal: Beginning of week seasonable temperatures with showers, mid through end of week sunny and hot

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Livestock market and auction news

Dewart Livestock

Dewart, Pa.
Monday, July 23, 1984
Report Supplied by PDA

CATTLE 256. Compared with last Monday's market: Choice 2-4 1050-1350 lbs. slaughter steers 63.00-66, mixed Good and Choice 62.25-64.50, Good 58.00-62, few Good holsteins 54.00-58, few Standard 48.00-52.00. Few Choice slaughter heifers 59.25-64.50, few Good 58.25-62. Breaking Utility & Commercial slaughter cows 39.00-43.85, Cutter & Boning Utility 38.00-40.50, Canner & Low Cutter 34.00-38, Shells down to 30.00. Yield Grade No. 1 1025-2085 lbs. slaughter bulls 44.75-52.50, couple down to 40.25.

CALVES 214. Choice vealers 65.00-81, Good 54.00-64, few Standard and Good 110-125 lbs. 52.00-55, 75-105 lbs. 45.00-52.00.

FARM CALVES: Holstein Bulls 90-130 lbs. 80.00-85, few down to 60.00.

HOGS 114. Few Lots US No. 1-2 225-235 lbs. barrows and gilts 57.00-57.30, No. 1-3 195-245 lbs. 54.00-56.60. US No. 1-3 2-540 lbs. sows 39.75-48.75. Boars 34.00-41.25.

FEEDER PIGS 268. US No. 1-3 20-35 lbs. feeder pigs 18.00-26 per head, No. 1-3 35-50 lbs. 25.00-32.50 per head, No. 1-3 60-85 lbs. 0-41 per head, One lot 56 lbs. at 43.50 per hundredweight.

SHEEP 44. Choice 70-115 lbs. spring slaughter lambs 52.00-59, few Good 50-75 lbs. 48.00-55.00. GOATS 7: Few Large 15.00-34.00 per head.

Central U.S. Carlot

Beef Report
Wednesday, July 25
Report supplied by USDA

Compared to Tuesday's 4:00 report: Choice 3 Steer Carcasses $1.00 lower, good not established, Holstein Type mostly steady Choice 3 heavy Heifer $3.00 lower and Good $2 00 lower than last test Monday Light Choice 3 Heifer steady in thin test and YG 4 steady to $1.00 lower than previous day. Demand and trading light on moderate supplies. The gross boxed beef carcass cut-out value declined $.29 to an estimated $102.96 per cwt., 155 loads boxed cuts reported. Sales reported on 49 loads of Steer and Heifer Carcasses.

Steer Beef
23 Loads
FOB Omaha Basis

Choice 3 600-900 lbs. 98.00, 1.00 lower; 600-700 lb. 98.50.

Choice 2 600-700 lbs. 99.50.

Good 2 & Low 3 600-700 lbs. 91.50-92.00.

Choice 2-3 600-900 lbs. 88.00-88.25, (Hols type) mostly steady.

Good 2-3 600-900 lbs. 83.00-83.25, (Hols type) mostly steady.

Heifer Beef
26 Loads
FOB Omaha Basis

Choice 3 550-700 lbs. 96.00, 3.00 lower than Mon.; 500-550 lbs. 93.00, steady; 400-500 lbs. 91.00, steady.

Choice 2 600-700 lbs. 97.50.

Choice 4 500-700 lbs. 88.00-89.00, steady-1.00 lower.

Good 2-3 550-900 lbs. 89.00, 2.00 lower than Mon.

Good 2 & Low 3 600-700 lbs. 89.50-90 00

Cow Carcasses
20 Loads
FOB Omaha Basis

Prices steady to $3.00 higher, most advance in midwest.

Bkrg Utlty 2-3 450/up lbs. 71.00 (Midwest)

Bng Utlty 1-3 400/up lbs. 72.00-73.00 (Midwest)

Canner & Cutter 1-2 350/up lbs 75.00 (Medwest).

FOB Amarillo Basis

Bng Utlty 1-3 400/up lbs. 70.00.

Canner & Cutter 1-2 350/up lbs. 71.00-73.00.

Primal Beef Cuts
27 Loads
Choice 3
FOB Omaha Basis

Hinds (H) 120-170 lbs. 115.00; Fores 130-210 lbs. 81.00.

Good & Choice 2-3

Short Plates 58.00-59.00.

Boneless Processing Beef
Beef Trimmings
118 Loads
FOB Omaha Basis

90% Chem Lean Fresh 99.00-102.00, mostly 100.00.

50% Chem Lean Fresh 53.00-55.00, late 54.00-55.00.

FOB Amarillo Basis

90% Chem Lean Fresh 99.00-101.00, mostly 100.00.

90% Chem Lean Frozen 101.00.

85% Chem Lean Fresh 93.00.

G&M Livestock

Monday, July 23
Duncansville, Pa.
Report supplied by auction

SLAUGHTER CATTLE: Steers- Choice 63.00-66.10; Good 56.00-63.00; Standard 50.00-56.00; Utility 43.00-50.00. Heifers- Choice 61.00-64.00; Good 55.00-61.00; Standard 48.00-55.00; Utility 42.00-48.00 Cows- Choice 44.00-46.00; Good 42.00-44.00; Standard 38.00-42.00; Utility 34.00-38.00; Cutters 32.00-34.00; Canners down to 30.00. Bulls 1100-1950 lbs. 46.00-55.00; 900-1100 lbs. 47.00-53.00.

FEEDER CATTLE: Steers- Choice 300-600 lbs. 53.00-68.00. Heifers- Choice 300-600 lbs. 45.00-54.00.

CALVES: Vealers- Prime and High Choice 70.00-85.00; Good and Choice 50.00-70.00; Standard 40.00-50.00; Utility down to 30.00. Farm Calves- Holstein bulls 90-120 lbs. 70.00-96.00; Heifers 90-120 lbs. 55.00-77.50.

HOGS: Barrows and Gilts 210-250 lbs. 56.00-58.10; 170-300 lbs. 53.00-57.00. Sows 300-650 lbs. 42.00-47.50. Boars 33.00-39.00.

FEEDER PIGS: 25-35 lbs. 25.00-30.00 per head; 35-50 lbs. 30.00-38.00.

SHEEP: Slaughter lambs 90-95 lbs. 50.00-60.00. Ewes 12.00-28.00.

GOATS: 22.00-32.00.

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ON THE FARM MONTHLY
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Every 4 Weeks

NOTICE
2 Evening Sales,
August 3, and August 31

Located 18 miles south of Lancaster, Pa., 6 miles south of Quarryville, take Rt. 272 to Little Britain, turn north, follow Little Britain Road to Jackson Road, 2nd farm, OR take Rt. 222, out of Quarryville to Cedar Hill Road to Little Britain Road to Jackson Road. Watch for sale arrows.

50 to 60 Head

Now selling our new hybred gilts representing mostly York & Hampshire & Landrace cross. Bred for easier & Less trouble over farrowing and better weight gains.

25 Head Due Between Aug. 9-16
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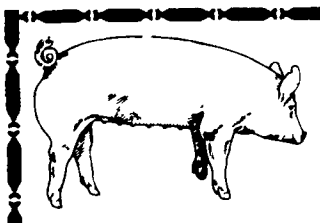
JOHN B. STOLTZFUS
R.D. 1, Kirkwood, Pa

Abe Diffenbach, Auctioneer AU225L
NEXT SALE DATE AUGUST 31



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Will Receive Your
Hogs and Cattle at the
DANVILLE LIVESTOCK MARKET
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- We will receive your hogs from 8 AM to 12 Noon every Monday Your hogs will be weighed and paid for immediately
- We will also accept your sows & boars
- Your cattle will be received from 12 30 to 5 P M We will either pay you for your cattle immediately or you may sell them dressed weight
- There will not be a commission or yardage fee deducted from your check
- You may call our office Monday morning and we will be able to tell you the base price for hogs for the day

MELVIN M. LEHMAN - Owner
Danville Buying Station
Phone: 717-275-2880

Livestock market and auction news

VIRGINIA MARKETS

Virginia Auction Summary

July 19-25
Report supplied by VDA

Total of Va. Weekly Feeder Cattle Auction Receipts: 3,018.

TREND: Mostly steady to $3.00 higher.

South and Southwestern, Va. Auction Summary
Smithfield, Southside (Blackstone), Tri-State Narrows Lynchburg, Hollins, Witheville
July 19-25

STEERS: 300-500 lbs. Medium 1 56.50-65.50; Large 1 56.00-66.00; Small 1 52.00-61.00. 500-700 lbs. Medium 1 56.00-65.50; Large 1 59.00-64.00; Small 1 49.50-57.00. 700-1000 lbs. Medium 1 54.00-61.50; Large 1 55.00-62.00; Small 1 49.50-52.00.

HEIFERS: 300-500 lbs. Medium 1 46.50-54.00; Large 1 47.00-53.50; Small 1 41.50-53.00. 500-700 lbs. Medium 1 45.00-51.50; Large 1 47.00-53.00; Small 1 48.75-49.00; 700-900 lbs. Medium 1 44.00-49.50; Large 1 45.50-53.00.

Northern Va. Auction Summary
July 19-25

STEERS: 300-500 lbs. Medium 1 55.00-67.00; Large 1 58.00-63.50; Small 1 52.00-61.00. 500-700 lbs. Medium 1 55.00-62.10; Large 1 54.50; Small 1 48.50-56.00. 700-1000 lbs. Medium 1 52.00-59.50; Large 1 52.00-62.75; Small 1 52.00-55.00.

HEIFERS: 300-500 lbs. Medium 1 42.00-53.75; Large 1 47.00-53.50; Small 1 41.00-45.00. 500-700 lbs. Medium 1 42.00-53.00; Large 1 46.25-54.00; Small 1 38.00-45.50. 700-900 lbs. Medium 1 44.00-50.50; Large 1 49.00-54.25.

Shenandoah Valley Livestock

Harrisonburg, Va.
Saturday, July 21
Report supplied by auction

FEEDER CATTLE: Trend-Steers 3.00 highers; Heifer 1.00 higher; Bulls 2.00 higher. Steers: M&L-1 300-500 lbs. 57.00-63.50; 500-700 lbs. 58.00-64.50; 700-1000 lbs. 55.00-60.25; Holstein 300-1000 36.00-44.50. S-1&M&L-2 300-500 lbs. 53.00-61.00; 700-1000 lbs. 55.00-57.50.

FEEDER BULLS: M&L-1 300-500 lbs. 53.50-61.00; 500-700 lbs. 44.50-50.00. S-1&M&L-2 300-500 lbs. 48.00-52.00; 500-700 lbs. 45.50-46.50.

HEIFERS: M&L-1 300-500 lbs. 46.00-51.50; 500-700 lbs. 45.00-53.00. S-1&M&L-2 500-700 lbs. 41.00-44.00; 500-700 lbs. 41.50-44.00.

STOCK COWS: Beef 370.00. Baby Calves 22.00-80.00.

SLAUGHTER COWS: Trend-$2.00 lower. Utility & Commercial 2-4 34.41, few at 42.50; Canner & Cutters 1-3 25.00-32.00.

SLAUGHTER BULLS: 1&2 41.00-53.00.

LAMBS: Trend- Steady. Higher Choice & Prime 60.25; Choice 55.50; Feeder Lambs Choice 48.50; Slaughter Ewes 9.00-17.50.

HOGS: US 1-3 200-240 lbs. 54.00; Sows 1-3 39.00-45.50.

VEAL: Choice & Prime 62.00; Good 55.00-57.00.

SLAUGHTER CALVES: Good & Choice 47.00-52.00.

Keister's Livestock

Middleburg, Pa.
Tuesday, July 24, 1984
Report Supplied by PDA

CATTLE 354. Compared with last Tuesday's market; Slaughter cows $1 lower. High Choice & Prime slaughter steers 66.35-68.60, mixed Hi Good & Low Choice 60.50-63.00, Choice 2-4 1050-1565 lbs. 63-66.75, Good 55-60.00; Holsteins 50-54.35, Choice Holsteins 56-59.75, Few Standard 45-52.00. Choice slaughter heifers 56.75-61.25, Good 48-57.50, Few Standard 44-46.00. Breaking Utility & Commercial slaughter cows 40-44.25 Couple to 45.10, Cutter & Boning Utility 38.50-42.25, Canner & Low Cutter 35-38.50, Shells down to 30.00. Few Choice slaughter bullocks 60-63.10. Yield Grade No. 1 855-1665 lbs. slaughter bulls, 44.35-52.10.

FEEDER CATTLE: Few Medium & Large Frame #2 3-700 lbs. steers & bulls 43-53.00.

CALVES 204. Choice Vealers 63-79.00, Good 55-66.00, Standard & Good 70-105 lbs. 41-51.00, Utility 60-85 lbs. 35-43.00.

FARM CALVES. Holstein bulls 90-125 lbs. Mostly 70-85.00, few lower to 52.00.

HOGS 506. Barrows & gilts about steady. US No. 1-2 215-235 lbs. barrows and gilts 57-58.00 few to 59.50, No. 1-3 190-250 lbs. 56.25-57.00, No. 2-3 190-270 lbs. 52-56.25 (Hogs Tuesday, July 24, 84, 63 head). US No. 1-3 350-550 lbs. sows 40-45.00, No. 2-3 290-600 lbs. 36-40.00. Boars 33-38.00.

FEEDER PIGS 393. US No. 1-3 20-35 lbs. feeder pigs 15-23.00 per head, No. 1-3 35-50 lbs. 23-29.00, No. 1-3 60-75 lbs. 34-41.00 per head.

SHEEP 29. Good 50-75 lbs. Spring slaughter lamb 41-48.50. Slaughter ewes 12-18.00.

GOATS 17: Few Large 18-34.00 per head, Kids 6-17.00 per head.

New Wilmington Livestock

New Wilmington, Pa.
Monday, July 23, 1984
Report Supplied by PDA

Compared with last Monday's market, slaughter cows $1-$1.50 lower. Few Choice slaughter steers 64.25-67.25, Good 58-62.75, Standard 50.75-57.00, few Utility 43.50-46.50. Few good slaughter heifers 52.50-55.25, Standard 45-52.00, Utility 40-45.00. Breaking Utility & Commercial slaughter cows 40-44.00, few 45-48.00, Cutter & Boning Utility 37-42.00, Canner & Low Cutter 30.50-37.50, Shells down to 25.00. Utility slaughter bullocks 40-45.50. Yield Grade No. 1 1185-1850 lbs. slaughter bulls, 46.50-53.00, one Yield Grade No. 2 1290 lbs. at 42.75.

FEEDER CATTLE: Heifers Large Frame #2-3 320-600 lbs. 27.50-35.00. Bulls Medium Frame #1 550-760 lbs. 42-50.00.

CALVES 254. Vealers steady to 5.00 higher. One Prime vealer at 78.00, Choice 62-73.00, Good 50-64, Standard & Good 90-120 lbs. 43-60.00, 65-85 lbs. 30-47.50, Utility 50-85 lbs. 10-26.00.

FARM CALVES: Holstein Bulls 95-135 lbs. 62.50-95.00, Holstein heifers 90-125 lbs. 57.50-72.50.

HOGS 535. Barrows & gilts $1-$1.25 lower. US No. 1-2 210-250 lbs. barrows & gilts 54.85-55.75, No. 1-3 2-260 lbs. 53-54.85, Few No. 2-3 260-290 lbs. 50.25-53., No. 1-3 170-185 lbs. 40-49.00. Sows Steady. US No. 1-3 3-600 lbs. sows 37-44.75. Boars 29-34.25.

FEEDER PIGS 78. US No. 1-3 15-25 lbs. feeder pigs 15-19.00 per head. No. 1-3 30-40 lbs. 26-32.00 per head, No. 1-3 105-155 lbs. 43.50-53.00 cwt.

SHEEP 127. High Choice & Prime 65-115 lbs. spring slaughter lambs 60-67.00, Choice 60-90 lbs. 45-58.00, Good 55-75 lbs. 38-45.00. Slaughter ewes 5-12.00.

East Coast Carlot

Wednesday, July 25
Report supplied by USDA

Compared to Tuesday's close: Prime Special Fed Veal steady in limited test. Demand light for heavy supplies of Good and Choice Boning Veal, locals 1.00 to 2.00 lower; inshipped untested. Spring Lamb slow to develop as both buyers and sellers reluctant to make commitments, market tone unsettled.

VEAL CARCASS
Prime (Special Fed)
Hide on 120 Head

220-280 lbs. LTD 144.00-150.00, steady.

Good & Choice
Boning Type
Hide On

Northeastern Suppliers: 65-75 lbs. LTD 78.00-80.00, 1.00-2.00 lower; 55-64 lbs. 76.00-78.00; 45-54 lbs. 74.00-76.00; 35-44 lbs. 72.00-74.00; 34 lbs. down 70.00-72.00.

Inshipped: No sales reported.

Boneless Beef
(US and Canadian Origin)
1 Load

90% Chem Lean, Frozen 108.00, no comparison.

New Holland Horse

New Holland Sales Stables
Monday, July 23
Report supplied by auction

Reported receipts of 257 head of horses, mules, and ponies. Market: steady.

LOCAL

Better horses 420.00-550.00, Registered horses.

Driving horses 250.00-1200.00.

Riding horses 275.00-375.00.

Lightweight killers 210.00-275.00, Heavyweight killers 300.00-350.00.

Mare Ponies 30.00-75.00; Colts 10.00-20.00; Gelding Ponies 30.00-75.00; Larger Ponies 125.00-240.00.

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7:00 P.M.- Small Animal Sale
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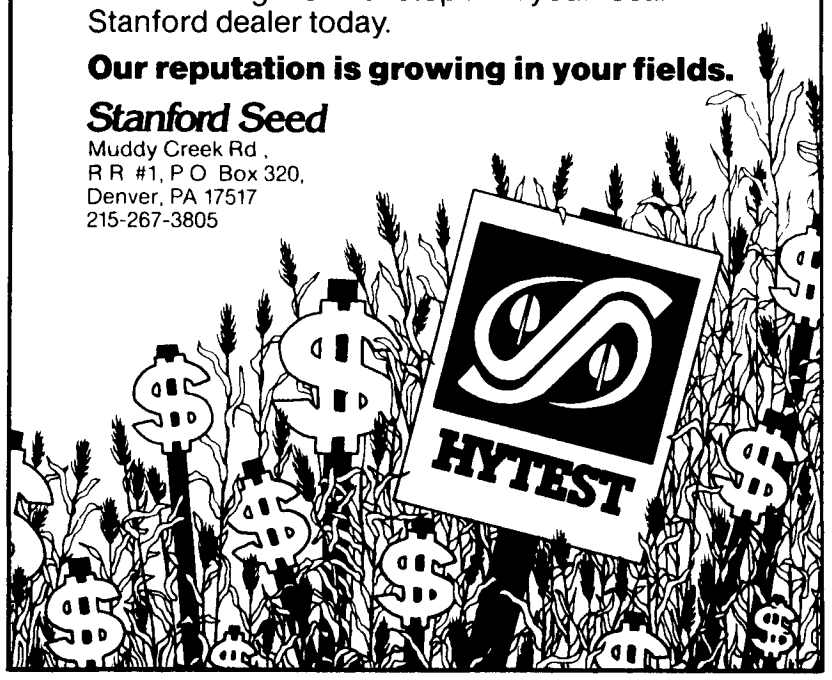


There she stands...

BY DICK ANGLESTEIN

This week there was a big fuss about Miss America, her posing, Penthouse, etc Once again, the worth of beauty pageants was questioned by some.

The episode got me to thinking about ag's "beauty pageants" -- dairy and livestock shows. What would happen if a boisterous and bellicose bovine could rebell and lash out at the exploitation of her dairy femininity at such a show?

Her story might go something like this:

"Ever since I was rudely yanked into this world in a corner maternity pen, my sponsor directed me toward only one goal -- the banner that now rests across my back.

"Very early, I was separated from my mother and moved to my own little house to begin my pageant grooming. My quarters were kinda cramped but the southern exposure was nice A bunch of us kids all about the same age made up this little suburban community -- our houses in a neat little line.

"We soon discovered that we had something in common -- none of us knew our fathers and some of us even shared the same one, who had died several years ago.

"Hardly weaned and on my own, I was thrust into my first pageant at about four months old I was still finding my legs and they kept talking about learning how to walk uphill on the level. I never could understand this

"At a time when I would rather have jumped and played I was forced to stand a certain way, with my hocks constantly prodded by this long stick. Even when nature called, someone was sticking fingers in my rump to get my back down flat again

"That first trip away from home was a shock. The bumpy, jostling ride crowded in a truck with others all so much bigger than me was a fright and ended in temporaray accommodations with no privacy at all. A steady stream of strangers kept filing by, some rudely trying to grab or touch me.

I remember that first pageant of rising to a cloud with all the primping and attention, only to come crashing back down when I was placed near the end of a string of youngsters all my age. I just wasn't prepared for such a fast letdown.

"While the judge talked glowingly about some of my competitors, I and a few others were passed over quickly with only a general reference

"But soon I began to develop physically and the color of my ribbons began to change as my division of competition came later and later in the show

"Judges began to pay more attention to my anatomy I remember all too well the first time a judge touched me -- right in front of all of those people

"After my first child the pageant schedule became even more hectic. My active motherhood ceased after that initial blessed event and I became the subject only of a medical ritual in which I donated family fulfillment to a distant relative who otherwise would likely have been an old maid By sharing motherhood, I had more time for my career which was split between milking parlor and showring

"Now, I stand here in the center of this ring. A small crowd of people surrounds me. Lights are flashing in my face. Someone is fussing with my feet Another is waving frantically at me to get my ears forward.

"I can't help but wonder if it has all been worth it.

"Instead of the sawdust and tanbark, would I have become more solidly planted in life with a lush pasture beneath my feet?

"The long hours and days restricted by halter and rope made my times of carefree romping as a child few and far between.

"Now, fully thrust into a career at a young age, I wonder if a more traditional role as family maker wouldn't have been more satisfying

"Have I lost my true identity?

"Am I another symbol of a banner on the wall or a trophy on the shelf?

"If I had had the choice, is this the life I would have selected?

"Yes, Mr. Thoreau, even contented cows can lead lives of quiet desperation."

THE BIBLE SPEAKS

BY LAWRENCE W ALTHOUSE

JUST BEFORE THE FALL

July 29, 1984

Background Scripture:
2 Kings 14.
Devotional Reading:
Deuteronomy 24:16-22.

You know the old proverb: "Pride goeth before a fall."

While it may be true that one can "fall" without pride, still it seems abundantly clear that pride without a "fall" of some kind is rather unlikely.

Of course, the "pride" of which the sage speaks in this proverb is not a justifiable pride, but an arrogant one. It distorts our vision, clouds our reason, and prejudices our actions. That kind of "pride" almost always results in a "fall."

10,000 EDOMITES

Amaziah, king of Judah, is a case in point. Succeeding Joash, his father, at the age of twenty-five, Amaziah was successful in rooting out and executing those who had murdered his father. Some time later, Amaziah followed with a very impressive victory over Edom in the Valley of Salt: Amaziah "killed ten thousand Edomites...and took Sela by storm." (14:7).

Flushed with victory and overconfidence, Amaziah challenged his neighbor, King Jehoash of Israel, to do battle. Johoash's response is interesting:

A thistle on Lebanon sent to a cedar on Lebanon, saying, 'Give your daughter to my son for a wife'; and a wild beast of Lebanon passed by and trampled the thistle. You have indeed smitten Edom, and your heart has lifted you up. Be content with your glory, and stay at home; for why should you provoke trouble so that you fall, you and Judah with you? (14:9,10).

PROVOKING TROUBLE

It was one thing to crush 10,000 Edomites, it would be something else to meet in battle the people of Israel. Why go looking for trouble, asked Jehoash?

"But Amaziah would not listen." His pride blinded him to the good advice given him by Jehoash. Tus, once again, as so many times in human history, arrogant pride was followed by a humiliating fall. Not only was Amaziah roundly defeated by Jehoash and the Israelites, but he was captured, the walls of Jerusalem broken down, and the temple treasures carried away. That which had begun so well in the Valley of Salt now came to a screeching halt on Mount Zion.

How often arrogant pride has led both people and nations into destruction! Pride — false pride — intoxicates us, keeps us from seeing things as they are, deluding ourselves, and acting in ways that, upon reflection too late, are clearly unwise. Because we have experienced the elation of our own Valley of Salt, we lose our perspective and blunder on into situations that can only lead us to fall in humiliating defeat.

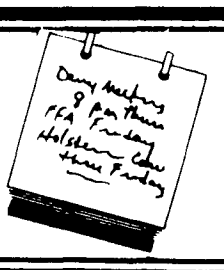
Just before the "fall," almost always there is pride.

NOW IS THE TIME

By Jay Irwin

Lancaster County Agriculture Agent
Phone 717 394 6851

Farm Calendar



Saturday, July 28

Private Landowner Conference, Pa. Forestry Association, Pocono Hershey Resort, White Haven.

Pa. Ayrshire Breeders Field Day, Lewis Thomas Valley Furnace Farm, Ligonies.

Delaware Holstein Sale, 6-10 p.m., Delaware Fairgrounds, Harrington.

Rutgers Vegetable-Flower Open House, 8:30 a.m. - 3 p.m. Ryder's Lane, New Brunswick, N.J.

Sunday, July 29

International Corn Conference, Indianapolis, Ind.; continues through Wednesday.

Monday, July 30

Morrison Cove Dairy Show, Martinsburg, opens; continues through Friday.

Clearfield County Fair opens; continues through Saturday.

Goshen Country Fair opens, continues throuh Saturday.

Mercer County Pomona opens; continues through Saturday.

Tuesday, July 31

Farmers'-Businessmen's Picnic, 5:30 p.m. at Leon's Sod Farm, Hunterdon County, N.J.

Jacktown Fair, Wind Ridge, opens; continues through Saturday.

Stanton Community Fair, New Stanton, opens; continues through Saturday.

August 1

University of Delaware Ag Export

(Turn to Page A12)

To Make Summer Alfalfa Seeding

Late July and early August are good times to seed alfalfa, particularly in this part of the state. When seeded during this period of high soil moisture, the plants have time to become established before freezing weather arrives. Alfalfa is still one of our major forage crops and deserves the very best of planning and management. Band seeding is the best method to make this seeding.

Weed control is a "must" with a straight seeding without a nurse crop. Many stands are injured by poor weed control during the first year. Refer to the 1983-84 Agronomy Guide for assistance on weed control practices. Be aware that alfalfa should not be planted in ground that has been treated for corn weed control during the past year, especially fields sprayed with atrazine. Alfalfa is an excellent forage crop; however, it does require attention and good management.

To Prepare The Silo

The corn crop is developing rapidly and soon it will be silo filling time. The condition of the silo should receive some attention before the new corn crop is ensiled. Many of the concrete silos may be pitted and have a rough inside surface. This will allow air pockets and cause moldy silage. Some inside joints may need to be repointed in order to keep out the air and have a smooth surface.

Don't wait until the silo filler is coming before you make these repairs.

Silage is one of the best and most economical feeds on our farms today; let's not spoil it after it is in the silo.

To Check Pets For Fleas

Warm moist weather favors the development of fleas and you will find them jumping right now. First of all treat the dogs and cats with commercial flea powders. Flea collars appear to do a good job against fleas but check the pet frequently because the skin of some animals becomes irritated by the material in the collar. For indoors, treat infested areas with ant and roach aerosols. Do not overlook the bedding of pets or their sleeping quarters. Sevin also does an effective job in this area

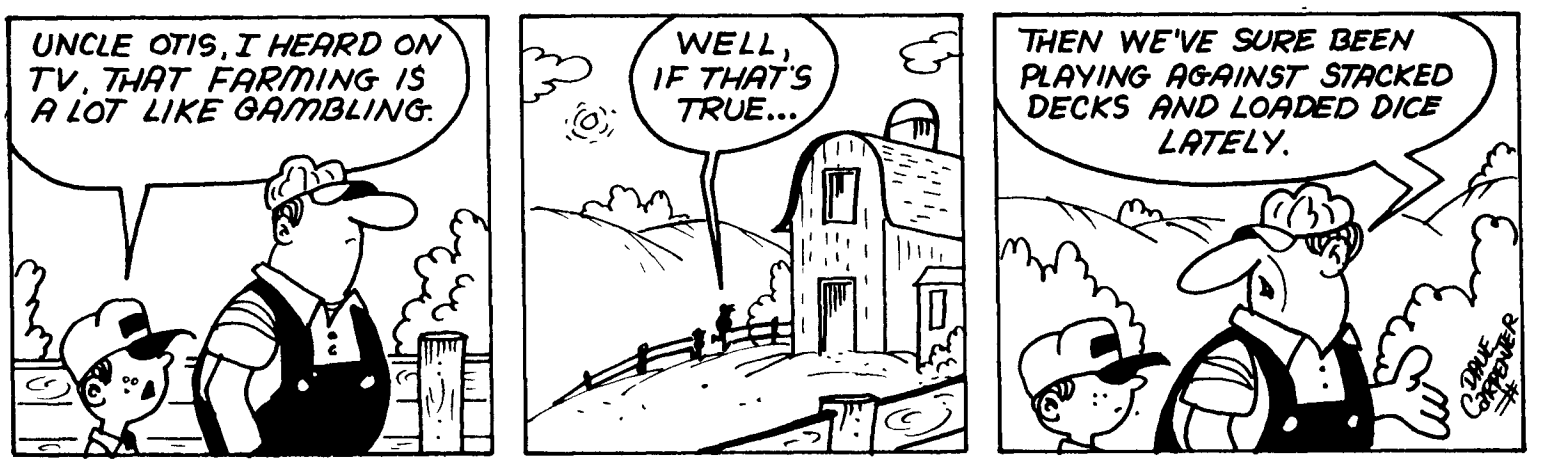
Because fleas often infest lawns in the summer, treat the grass with sprays or dusts containing either Sevin or Diazinon. Apply these sprays according to the directions of the container.

To Fertilizer Strawberry Plants

Most strawberry growers have

(Turn to Page A12)

Otis


UNCLE OTIS, I HEARD ON TV, THAT FARMING IS A LOT LIKE GAMBLING.
WELL, IF THAT'S TRUE...
THEN WE'VE SURE BEEN PLAYING AGAINST STACKED DECKS AND LOADED DICE LATELY.
DAVE GARDNER

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The Pennsylvania Agricultural Cooperative Marketing Association is the marketing and bargaining affiliate of the Pennsylvania Farmers' Association.

OUR READERS WRITE,
AND OTHER OPINIONS

Wisdom of Solomon & patience of Job

To the Editor:

Abraham Lincoln is quoted as saying, "To sin by silence when you should protest makes cowards of men."

My Christian conscience bothers me. I am troubled by the thought that a misdeed is soon to be done, or by this writing may have been done for the sake of vengeance.

I sorrow for the Wright family of the Bethel area of Berks County whose foundation flocks will soon be destroyed; I fear because he dared resist the overzealous efforts of men who were empowered with authority.

It has been demonstrated that this flock is free of Avian Influenza and that these birds also possess the necessary antibodies to ward off this dreaded disease. Were it not far better to attempt to determine whether this immunity can be passed on to next generations before a wrong is done in haste.

Will we also destroy all the fowl of the air in order to stop the spread? Even though they are immune, they too, can be carriers. Or shall we do as the seed corn growers a few years ago, quickly breed resistant strains?

I would prefer not to panic and burn down all the bridges. I would suggest to relax under the shade of a cool tree and ponder the logic of the situation.

Enough wrongs have already befallen the Wright family, and according to news accounts, this has brought them to the brink of bankruptcy. Why make further attempts to destroy a man? Is there no more human compassion left on this earth?

First, we take away, without knowing by certainty, the constitutional guarantee of the pursuit of happiness by banning a man from marketing his product which generates his income. (This income generates happiness.)

Must we now fully destroy this man, this family, both morally and spiritually by taking away their future livelihood on a debatable premise that his flock may be a carrier of Avian Influenza?

Is this" Liberty and Justice for All?" If this heinous atrocity is allowed to be executed without careful study and confirmation, how much is just compensation?

Oh, But that man should have the Wisdom of Solomon and the Patience of Job!

Harold R Stoudt
R1 Hamburg

Now is the Time

(Continued from Page A10)

realized very good returns from their plants in recent years. The prices are favorable. In order to realize the maximum yield next spring, we suggest the plants be well fertilized this summer. An application of 20 to 30 pounds of actual nitrogen per acre over the plants during July or August should give strength to new runners and increase fruit yields. This application should be made when the plants are dry in order to avoid burning the leaves. Ammonium nitrate is one of the good nitrogen fertilizers to use. In the home garden use about one-fourth pound of ammonium nitrate per 100 square feet of bed space. Good care of the strawberry plants this summer will bring about better yields next June.

The Penn State Extension Service is an affirmative action equal opportunity educational institution

Chester picks couple

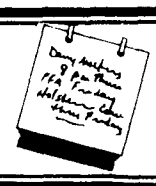
ELVERSON — The Chester County Farmers' Association has selected Mr. and Mrs. Frank Stoltzfus of Elverson to attend the Young Farm Couples Conference being conducted by the Pennsylvania Farmers' Association (PFA). The conference will take place Thursday and Friday at the Sheraton Penn State Inn, State College.

At the conference the couple will meet with about 40 other young farm couples selected by the county farmers' association around the state to learn more about PFA and its programs.

PFA is a voluntary, statewide farm organization providing members with an organized voice in public affairs, information, and farm services including management, cooperative, insurance and group purchasing opportunities.

Duane Aurand, of R1, Lewistown, Mifflin County, who serves with his wife Margy as chairmen of PFA's State Young Farm Couples Committee, said, "The conference program is designed to assist young farm couples who are interested in becoming more involved in PFA programs and the future of agriculture. It's these young couples, under age 30, who will have the most at stake in the changes and challenges facing agriculture in the next thirty years".

Farm Calendar



(Continued from Page A10)

Seminar, Goodstay Center, Wilmington.

York County Holstein Picnic, 10:30 a.m., Woodbine Farms, R2 Annivlle.

Hunterdon County (N.J.) Board of Agriculture, 8 p.m., Extension Center, Flemington.

Thursday, August 2

Lebanon County Holstein Club Annual Field Day, 7 p.m. Hoover Farms, Annville.

Guernsey Breeders Field Day, 10:30 a.m. Brenneman Farm, Quarryville.

PFA Young Couples Conference, State College Sheraton; continues tomorrow.

Friday, August 3

Annual York County Potato Tour, 9 a.m.

Western Pa. Holstein Championship Show, Washington Fairgrounds.

Saturday, August 4

Clinton County Fair, Mill Hall, opens; continues through Saturday.

Green County Fair, Waynesburg, opens; continues through Saturday.

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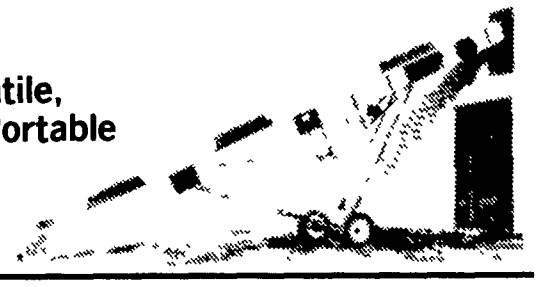

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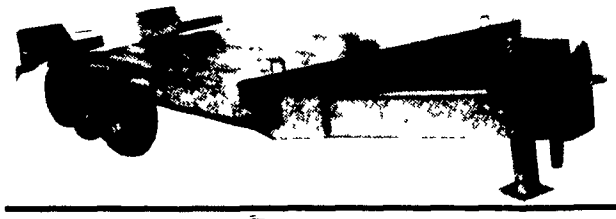

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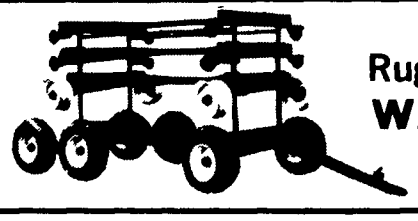

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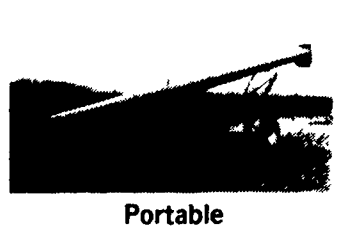
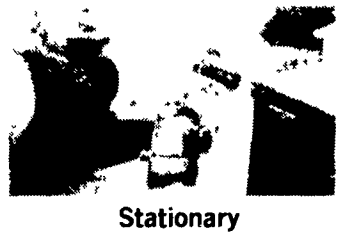


Portable



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Livestock market and auction news

Belleville Livestock Auction

Belleville, Pa.
Wednesday, July 25
Report supplied by PDA

CATTLE 110. Compared with last Wednesday's market, few good slaughter steers 52.00-54.00, few standard 49.25-51.10. Few good slaughter heifers 52.50-53.75. Few Breaking Utility & Commercial slaughter cows 41.00-44.75, Couple Beef Breed at 47.85, Cutter & Boning Utility 38.00-40.00, Canner & Low Cutter 34.85-38.25, Shells down to 33.00. Few Yield Grade No. 1 1215-1770 lbs. slaughter bulls, 45.85-48.60.

CALVES 196. Few Choice Vealer at 61.00, Few good 45.00-55.00, Standard & Good 75-110 lbs. 46.00-52.00, few Utility 60-90 lbs. 40.00-45.00.

FARM CALVES: Holstein bulls 90-125 lbs. 52.00-89.00, mostly 78.00-85.00.

HOGS 230. US No. 1-2 210-245 lbs. barrows & gilts 54.35-55.85, No. 1-3 195-240 lbs. 53.00-54.25. US No. 1-3 320-650 lbs. sows 38.00-45.00. Few Boars 25.00-37.50.

FEEDER PIGS 219. US No. 1-3 20-35 lbs. feeder pigs 13.50-21.00 per head, No. 1-3 35-50 lbs. 18.00-16.50, No. 1-3 Lot 75 lbs. 30.50 per head.

SHEEP 28. Good 60-100 lbs. spring slaughter lamb 35.00-50.00. Slaughter ewes 16.00-36.00.

GOATS: 16. Large 17-55 per head Few Kids 8-15 per head. Holstein Dairy Cows $500-$1030, Individual $1550 per head.

Oklahoma Cattle

Wednesday, July 25
Report supplied by USDA

Estimated Receipts	8,500
Same Day Last Week	8,723

Actual Auction Sales Estimated To Run Near 6500 Head.

Trends unchanged in afternoon trading. Feeder Steers and Heifers under 550 lb. steady to 1.00 lower; over 550 lb. steady to 50 cents higher. Demand Good for thin cattle, light for fleshy offerings especially calves. Bulk supply medium frame 1 and mixed 1-2 600-900 lb. Feeder Steers and 500-750 lb. Heifers; limited test only on the lighter weights. Weather, dry.

FEEDER STEERS: Medium and Large Frame 1 400-500 lb. mostly fleshy 62.50-66.50; 500-600 lbs. 60.75-67.50; 600-700 lbs. 62.80-64.50, lot 605 lb. thin 65.90; 700-800 lb. 61.75-64.40, small lot thin 735 lb. 64.80, few lots very fleshy 61.00-61.50; 800-900 lb. 60.00-63.00; 900-1010 lb. 59.90-61.10. Medium and large frame mixed 1-2 400-500 lb. 63.70-66.50; 500-600 lb. 60.00-64.50; 600-700 lb. 60.50-63.50; 700-800 lb. 60.20-61.60; 845 lb. 58.50.

Medium and Large Frame 2 475 lb. 57.00; 550-750 lb. 56.70-59.00; 765 lb. 54.25; half load 725 lb. corrienties 46.00. Large Frame 2 Holsteins 675-855 lb. 45.10-46.30; lot 865 lb. full 43.00.

FEEDER HEIFERS: Medium and Large Frame 1 400-550 lb. fleshy 52.00-56.50; 590 lb. thin 59.60; 600-800 lb. 56.00-59.60 bulk 57.50-59.60; lot 750 lb. brangus 61.40; lot 880 lb. 54.10. Medium and large Frame Mixed 1-2 375 lb. fleshy 48.25; 465 lb. 50.00; 500-775 lb. 52.50-58.70 most 54.00 up. Medium and large frame 2 300-774 lb. 45.00-54.00.

FOR THE WEEK: Feeder Steers under 500 lb. steady; over 500 lb. 1.00 lower. Feeder Heifers steady to 1.00 lower. SLAUGHTER COWS 1.00-3.00 higher mostly 2.00-3.00 up. Slaughter Bulls 2.00-3.00 lower.

Good's Fruit and Vegetable Auction

Tuesday, July 24
Report Supplied by Auction

Acorn Squash-5.00-7.00 bu.
Apples-6.00 bu.
Blackberries-.80 pt.
Broccoli-.45 & .55 bunch
Cabbage-2.00-4.00 doz.
Cantaloupes-1st locals .80 apiece
Carrots-.15-.30 bunch
Corn-.45-.90 doz.
Cucumbers-1.00-4.00 bu.
Eggplant-6.00-7.50 bu.
Patty Pans-5.00 bu.
Pickles-5.00-6.00 ½ bu.
Peppers-6.00-8.00 bu.
Potatoes-1.80 10 lb. bag; 2.50 20 lb. bag.
Red Beets-.10-.30 bunch; 5.00-6.00 bu.
Squash-2.00-3.00 ½ bu.
String Beans-3.00-5.50 bu.
Tomatoes-10.00-15.00 box (25 lb. box).
Watermelon-1.80 ea.
Yellow Squash-4.00 bu.
Zucchini-3.50 1½ bu.; 2.00, 3.00 bu.

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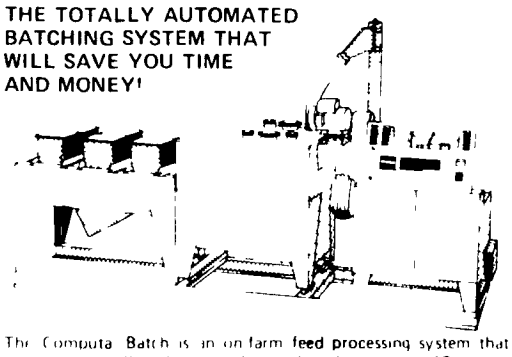

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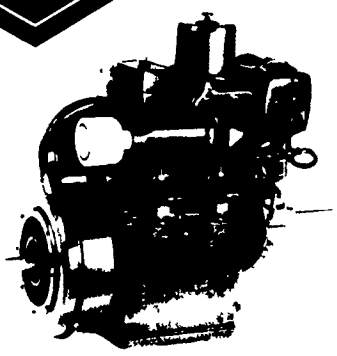

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2 miles West of
Georgetown on Furnace Rd.

DEALER INQUIRIES INVITED

Philadelphia Wholesale Fruit and Vegetable Report

Philadelphia, Pa.
Tuesday, July 24
Report Supplied by USDA

FRUIT

APPLES: STEADY. CONTROLLED ATMOSPHERE STORAGE ctn tray pack; WASH Red Delicious USExFcy 64s 19.50; 88s 16.50-17.50 mostly 16.50-17.00; 100-113s 15.50-16.50 mostly 15.50-16.00; 125s one lot 16.50; USFcy 88-113s 14.50 Golden Delicious USExFcy 88s 21.50; REGULAR STORAGE ctn tray pack; SOUTH AFRICA Granny Smith 100-110s 21.00 buctn loose no size or grade mark; NJ variety unknown (green) 8.00.

CHERRIES: ABOUT STEADY. WASH 20-lb ctn WA #1 Bing 12 row size & larger one lot 15.00 fair cond 10.00-12.00; Ranier 12 row size & larger few 27.00; Lambert 11-1/2 row size & larger fair cond 10.00; 12 row size & larger ord cond 4.00-6.00.

GRAPES: ABOUT STEADY. 22-23 lb. lugs; CALIF Flame Seedless 16.00-17.00 few 18.00 one label 19.50-20.00 fair appearance 14.00-15.00; Thompson Seedless 14.00-16.00 mostly 14.00-15.00 few 13.00 preferred labels 17.00-17.50 fair cond 10.00-12.00; Cardinals 12.50-13.00 fair cond 10.00; Exotics 18.50-20.00 few 21.00; MEXICO Thompson Seedless 14.50.

STRAWBERRIES: SUPPLIES LIGHT. CALIF 12-pt flats med 8.40; med-lge 10.20-10.80 one label 13.20.

VEGETABLES

BEANS: ABOUT STEADY. Various bu containers Round Green type unless otherwise stated; NJ 6.00-7.00 few 5.00 occ 8.00 fair cond 3.00-4.00; PA 6.00-7.00.

BEETS: NJ crts & ctns bchd 12s 4.00 bubkts topped 7.00-8.00 few 6.00.

BROCCOLI: ABOUT STEADY. CALIF ctn bchd 14s 7.50-8.00 few higher fair cond 5.00-7.00; 18s 8-8.50 mostly 8.50 few 9.00 occ higher fair cond 5.00-7.00; NJ ctn bchd 12s 5.00; ME ctn bchd 18s 7.00.

CABBAGE: SLIGHTLY LOWER. 1-¾ buctn & crt medium Green unless otherwise stated; NJ 3.50-4.50 mostly 3.50-4.00 few 3.00; Savoy one lot 5.00; Red 6-6.50 fair cond 5.00.

CARROTS: SLIGHTLY LOWER. CALIF 48-1 lb. film bags in film sacks med-lge 9.50 few 9.00 one label 11.00; 24-2 lb film bags in film sacks 7.50-8.00; 50-lb sks loose jbo 9.00-10.00 mostly 10.00 fair cond 6.50-7.00 ctn bchd 24s 10.50; OHIO ctn 20-12 oz film bag miniature 8.00.

CAULIFLOWER: SUPPLIES LIGHT. CALIF ctn film wrpd 12s 12.00-13.00 mostly 12.00.

CELERY: ABOUT STEADY. CALIF ctns & crts 1½ doz 10.00; 2 doz 10.00-10.50 few higher; 2½ doz 10.50-11.00 few higher; 3 doz one lot few 12.00; OHIO ctns 2-½ doz 10.00-11.00; 3 doz 9.50-10.00; 4 doz 8.00; NY ctn 2-½ doz one lot 9.00.

CHINESE CABBAGE: CALIF Nappa WGA crt 17.00; OHIO celery crt 5.50-6.00 mostly 6.00 few 7.00 Nappa fair cond 3.00-4.00.

CUCUMBERS: SLIGHTLY LOWER. 1-1/9 bucrts & ctns waxed medium unless otherwise stated; NJ including unwaxed 5.50-6.00 fair appearance 4.00-5.00 fair qual 3.00-4.00 mostly 4.00 few higher; lge few 3.50-4.00 fair cond; 2.00 Pickles bubkt or crts lge 3.00-4.00 one lot 6.00; DE 5.00 fair qual 3.50; sml 4.50; FLA ctn Long Seedless film wrpd; 12s 7.50; CANADA ctn Long Seedless film wrpd; 12s CD #1 6.50-7.00.

LETTUCE ICEBERG: SLIGHTLY HIGHER. Ctn 24s unless otherwise stated; CALIF 10.00-11.00 few 11.50 few 9.50 film wrpd 11.00-11.50 ord cond 5.00-6.00; 30s 10.50-11.00 previous committments 9.00 ord cond 5.00-6.00; NY one label 6.50-7.00; CANADA 6.00-7.00.

ROMAINE: ABOUT STEADY. OHIO crt 24s 7.00-8.00 few higher & lower; NY ctn 24s 8.00-9.00 fair qual 6.00; CANADA ctn 24s 7.00.

BIG BOSTON: OHIO crt 24s 7.00-8.00 few 6.00; CANADA ctn 24s 7.00.

BIBB: OHIO 12-quart bkt 4.00-6.00 few 3.50.

LEAF: OHIO 24-qt bkt 5.00-6.00 ctn 24s 11.00; NJ bucrts & ctns 5.50-6.00.

MUSHROOMS: STEADY. PA 4-qt bkt med-lge 5.50 few 6.00; sml-med 4.00 few 4.25; 10-lb ctn 9.25 few 9.50; flats 10-12 oz 9.25-10.00.

ONIONS-DRY: YELLOW JUMBO HIGHER, OTHERS ABOUT STEADY. 50-lb sacks US #1 or generally good quality Yellow unless otherwise stated; TEX Grano jbo 12.00-13.00 repacker size 9.50-10.50 few 7.00-8.00 occ higher fair cond low as 6.00; 20-2 lb mesh bags 11.50; CALIF Grano jbo 11.00-12.00 ord cond 3.00-4.00 repacker size one lot 7.00-8.00; WA Grano jbo fair cond 9.00; NY Globe type med-lge fair cond 6.00-7.00; NJ Globe type sml-med 6-6.50.

ONIONS-GREEN: STEADY. NJ crt bchd 36s 6-6.50 few 5.00; CALIF ctns bchd 48s 7.00-8.00; OHIO ctn bchd 48s 5.50-6.00 crt bchd 36s one lot 6.00.

PARSLEY: ABOUT STEADY. Bchd 5 dozen curly unless otherwise stated various bu containers; NJ bubkts 7.00-8.00; OHIO 1-1/9 bucrts 7.00-8.00 mostly 8.00 few 6.00; CALIF ctn 10.50-11.00 few 12.00.

PEAS-SOUTHERN: SUPPLIES INSUFFICIENT TO QUOTE.

PEAS-SUGAR: SUPPLIES INSUFFICIENT TO QUOTE.

PEPPERS: LOWER. Calif Wonder type Green 1-1/9 bucrts & ctns unless otherwise stated; NJ exlge 10.00; lge 7.50-9.00 mostly 8.00 few 10.00; med-lge one lot 7.00; med 6.50-7.00 few higher; Mixed Red med-lge 5-5.50; Cherry Hots ½ bubkt 6.00; Longhots ½ buctns 5.00; NC lge fair cond 6.00-7.00 ord cond 2.00-5.00; med fair cond 3.00-5.00 ord cond 2.00; Mixed Red med-lge 4.00-5.00; Cubanelles med-lge ord cond 1.00-2.00.

RADISHES: ABOUT STEADY. Ctns Red 30-6 oz film bags unless otherwise stated; OHIO 3.00-4.00 mostly 3.50-4.00 ctn bchd; 24s 5.50-6.00 fair cond 3.50-4.00; White 24-8 oz film bags one lot 6.00; NY 2.50.

SPINACH. HIGHER. Savoy type unless otherwise stated; PA 1-¼ bucrts 9.00 fair cond 7-7.50; NY buctns clipped 10.00; CALIF ctn bchd 24s flat type 10.00; COLO bubkt 10.00; OHIO 1-1/9 bucrts clipped 7.00-8.00.

SQUASH: SLIGHTLY LOWER. ½ buctns unless otherwise stated; NJ Zucchini sml-med 3-3.50 few 4.00 few 2.50 bucrts 4.50-5.00; Yellow Straightneck sml-med 3-3.50 few 4.00 few 2.50 bucrts 4.50-5.00.

TOMATOES: ABOUT STEADY. 25-lb ctn Pink to Light Red US combination or better or generally good quality unless otherwise stated; SALES BY REPACKERS; VA 5x6s 18.00; 6x6s 16.00; MD few 5x6s 22.00; 6x6s 20.00; 6x7s 16.00; SALES BY OTHERS; NJ Turning to Red wide range in qual & cond lge 8.00-12.00 occ 13.00 few low as 6.00; med 6.00-8.00 mostly 6.00-7.00 few 9.00 few low as 4.00; sml few 5.00 ord qual no size mark 3.00-5.00; MD lge 9.00-10.00; 20-lb ctn lge 10.00-12.00 med; fair qual 7.00 ord qual 5.00; VA fair qual mostly green lge 10.00-13.00; ALA fair qual lge 9.00-10.00; CHERRY TYPE 12-1 pt flats; CALIF 10.00; NJ 8.00 fair qual 5.00; FLA 10.00.

Peach Market

July 23-25

This week's peach market, as reported from South Carolina and Georgia has been good to moderate, with prices gradually increasing. Last Thursday, prices were at the weeks low of $5.00-7.00 for 2½", ¾ bu., all varieties, F.O.B. By weekend prices were upt to $6.00-7.00 with supply dropping off and demand increasing. This shortage was due mainly to rainy weather and to the fact that growers were in between varieties. By Tuesday and early today, conditions improved and prices have leveled off to $7.00 for 2¼" up, ¾ bu. F.O.B. Present conditions indicate that this market may continue steady for a while.

Very little activitiy is reported in Pennsylvania as yet. Growers are still reporting that the crop will be 10 days to 2 weeks behind last year. Development is continuing to look very good with size increasing. Quality is reported to be good. Most growers in Pennsyvlania have not yet begun to pick. Some picking activities are expected to pick up toward the end of this week. A few early varieties have been sold but not enough to establish a true market. I will report these prices in the summary but only as a matter of information to readers and not the indication of a market.

West Virginia, combined with Maryland and Pennsylvania peaches form an Appalachia market area and will be reported this week as that.

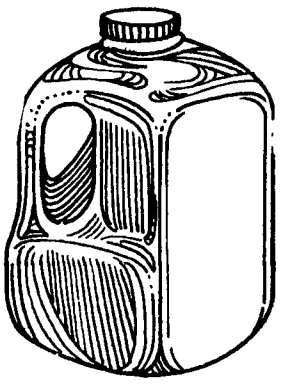
Summary

Prices F.O.B. as of July 25

Southern United States $7.00 (Georgia & South Carolina) 2¼" up, ¾ bu. all varieties.

Appalachia market area (West Virginia, MD and PA) Demand-light - 2¼" up, ¾ bu. all early varieties $7.50 - 8.00 mo. 7.50; Demand-poor 2" Min. & up ¾ bu. all early varieties 6.00.

Pennsylvania Early Varieties. No market established, demand light 2¼" up, ¾ bu. all early varieties 7.50.



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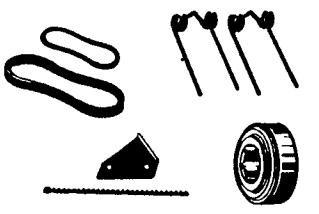
We have heavy duty underserrated sections to fit NEW HOLLAND, NEW IDEA, HESSTON, and IH. Price - 60¢



TRACTORS:

JD 630 Tractor w/3 pt. ... $2,650
JD 2630 Diesel Tractor, Hi-Lo 540-1000 ... $9,750
JD 2630, Dual Remote ... $9,750
JD 2440, New Style ... $12,250
IH 400 Diesel, PS, TA ... $2,250
Farmall M w/PS and Live Hyd. ... $1,500
(1) White 2-105 w/Roll Guard. ... $15,900
(1) IH 460 Gas N.F. TA, Power Steering ... $2,350
(1) Farmall H. ... $950
IH 300 Row Crop WF T.A. fast hitch. ... $2,350
Ford 8000 Diesel ... $6,950
IH 240 w/Fast Hitch and 2B Plow ... $2,150
White 2-60 4WD w/Loader, 800 Hrs. ... $13,500
AC 5050 Diesel Tractor, Less Than 500 Hours, Like New ... $8,750

HAY MACHINES:

NH 472 Haybine, like new, cut 50 acres ... $5,500
NH 469 Haybine (Super Shar SOLD ... $3,650
JD 480 Mower Conditions ... $1,450
Case 550 Mower Conditioner ... $1,450
JD 14T Baler ... $750
JD 500 Round Baler ... $4,850
(1) IH 46T w/Thrower SOLD ... $1,050
NH 275 Baler w/Thrower, Hydraulic Aim ... $2,950
NI #402 8½' Hay Rake ... $1,250

HARVESTERS & FORAGE EQUIPMENT:

NH 1880 Self Propelled Harvester, 3 Row Pickup, Dsl. Hydro, 600 hrs. ... $23,500
(1) John Deere 34 w/One Row Row Crop ... $1,550
(1) Grove Forage Wagon w/Roof & Gear ... $1,850
(1) John Deere Three Row Row Crop Attachment, New Belts ... $3,850
NH 770 Harvester with Pick Up 1 Row RC New Knives ... $3,850

TILLAGE:

JD 350 5 Bottom Plow ... $2,850
(1) John Deere 12' RW ... $875
(1) Athens 10' Disc, heavy duty ... $1,650
Howard 100" 1000 PTO Rotovator ... $3,450

COMBINES & PICKERS:

(1) JD 6620LL Combine 800 hrs. **Price on Request**
JD 3300 Dsl. w/cab, 343 C.H. & Rotary Screen ... **Price on Request**
(1) IH 203 Combine, Gas w/10' Platform, P.U. Reel, 2 Row Cornhead, Cab ... $3,950
(1) New Idea #325 Two Row Narrow Picker w/Sheller, Heavy PTO ... $4,350
(1) JD 444 Corn head ... $3,450
(1) JD 443 Corn head, new style SOLD ... $6,750

GRAIN DRYERS:

(2) New Farm Fans AB8 Auto-Batch Dryers. MUST MOVE. CALL FOR PRICE ... (Dealer Inquiries Welcome)
(1) Used 350 BU. Myer Morton PTO Batch Dryer ... $3,450

PLANTERS:

JD 7000 8 R 30" planter, liq P.O.P. monitor, no-till
IH 400 4R Air Planter ... $1,950
JD 7000 6 row w/no-til HD Coulters ... $8,750
JD 494A Planter ... $850

MISCELLANEOUS:

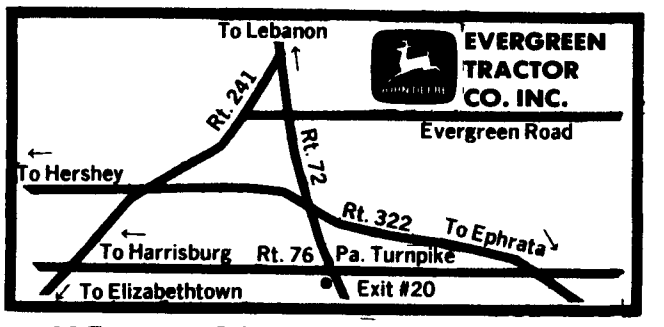
JD 6 Row 30" Rear Cultivator ... $1,250
6 Row Hyd. Fold Cultivator ... $1,500
IH 2001 Loader ... $950
14.9x26 T-rail duals
20.8x34 direct axle, less rubber
NH 679 tandem axle spreader, hyd. endgate ... $4,500
'Year round cab for JD 3020 or 4020 ... $1,050
JD 37 Hydraulic bucket ind. valve ... $1,150
18.4x38 snap on duals ... $650
18.4x34 snap on duals ... $750
JD 46A Hydraulic Loader hyd. bucket to fit 3010 thru 4020 ... $850
(2) NI Tandem Axle Spreaders
IH 1250 Grinder Mixer ... $4,250

NEW SPECIALS

(1) JD 410 Round Baler (Demonstrater) ... $7,400
Less JD Rebate $300 ... **$7,100 Cash Price**
(1) JD 1610 Pull Type 11' Chisel Plow, New Tires, Cash Price ... $3,500
(2) JD 315 12' Disk ¼" Blades, Dual 11Lx15 Tires, Cash Price ... $6,200 Each
(1) JD 7000 6 row 30" Planter, Monitor, Dry Fertilizer, Insecticide and Markers, Cash Price ... $10,700
(1) JD 2700 5-18" Plow with Cover Boards and Coulters, Cash Price ... $8,600
(2) JD 415 Rotary Hoe, Cash Price ... $2,295 Each

JUST RECEIVED
(2) NEW ARTOWAY 16' FORAGE WAGONS WITH ROOFS SOLD
CALL FOR SPECIAL PRICE

COMING IN:
Better Bilt 1500 Gallon Tank Spreader with Ejectors
JD 4230 Quad Range Tractor w/Sound Gard
MF Hay SOLD
13' Rigid Grain Head
JD 45 Loader for 2 Cyl. Tractors



30 Evergreen Rd., Lebanon, PA., (717) 272-4641

St. Louis Cattle

Thursday, July 26
Report supplied by USDA

Receipts This Week	3,400
Week Ago	4,000
Year Ago	3,600

Compared to the previous week's close, Slaughter Steers and Heifers 1.00-1.50 lower. Cows 2.00 higher. Bulls weak to 1.00 lower. Slaughter supply mainly Choice Slaughter Steers and Heifers, around 10% Cows.

SLAUGHTER STEERS: Mixed Choice and Prime 2-4 1050-1250 lbs. 65.50-66.00. Choice 2-4 1000-1300 lbs. 64.00-65.50; 900-1000 lbs. 60.00-63.00; 850-900 lbs. 59.00-60.00. Mixed Good and Choice 2-3 900-1200 lbs. 60.00-63.00. Good 2-3 900-1150 lbs. 58.00-60.00; 850-900 lbs. 56.00-68.00. Mostly Good 2-3 1100-1500 lb. Holsteins 51.00-56.00.

SLAUGHTER HEIFERS: Mixed Choice and Prime 2-4 900-1100 lbs. 63.50-64.00, several 63.50, Choice 2-4 900-1050 lbs. 62.00-63.50, mostly 62.00-63.00; 800-900 lbs. 58.00-61.50. Mixed Good and Choice 2-3 800-1000 lbs. 58.00-61.50. Good 2-3 750-975 lbs. 55.00-58.00; 700-750 lbs. 51.00-55.00.

COWS: (Closing week sales) Breaking Utility and Commercial 2-4 39.00-41.00. Cutter and Boning Utility 1-2 39.00-41.00. High-yielding Boning Utility 1-2 41.00-42.00. Canner and low Cutter 1-2 35.00-39.00. Shelly Canner 1-2 32.00-35.00; 550-700 lbs. 30.00-32.00.

BULLS: YG 1-2 1050-1900 lbs. 44.00-50.00, closing week sales 44.00-48.00.

Wednesday's Weekly Sheep Auction, receipts around 450 head. Compared to last week, Spring Slaughter Lambs over 100 lbs. 2.00 higher, under 100 lbs. 7.00 lower. Feeder Lambs steady to 2.00 lower. Demand for Feeder Lambs very light with most feeder weight lambs going to slaughter.

SPRING SLAUGHTER LAMBS: Choice and Prime 100-135 lbs. 52.50-61.50, mostly 57.50-61.50; 70-100 lbs. 45.00-50.00.

SLAUGHTER EWES: Few Utility to Good 10.00-15.00.

FEEDER LAMBS: Few Choice and Fancy 60-100 lbs. 44.00-47.00.

FEEDERS: (including around 900 at the regular Thursday auction.) Feeder Steers trading uneven, 300-500 lbs. 1.00 lower; 500-800 lbs. weak to 1.00 lower; over 900 lbs. 2.00-3.00 lower. Feeder Heifers trading uneven, 400-600 lbs. .50-1.50 lower, not enough of any other weight class to test market trends.

FEEDER STEER: Medium and Large Frame 1; 300-500 lbs. 61.00-66.00; 500-600 lbs. 62.00-65.00; 600-800 lbs. 58.00-62.50; 800-1000 lbs. 55.00-58.00. Large Frame 2 Holsteins; few 300 lbs. up to 1,000 lbs. 42.00-46.00.

FEEDER HEIFERS: Medium and Large Frame 1; few 300-400 lbs. 56.00-58.00; 400-600 lbs. 51.00-55.00. Few 600-800 lbs. 52.00-53.00. Medium and Large Frame 1-2; few 450-650 lbs. 45.00-50.00.

Westminster Livestock Auction

Westminster, Md.
Tuesday, July 24
Report supplied by auction

SLAUGHTER COWS: Larger run .50 higher! High Yield few to 44.25; Utility 39.00-42.00; Canners 37.00-39.50; Shelly 37.00 down.

BULLS: $2.00 lower. Few Good 47.00-49.00; Medium 44.00-47.00.

FED STEERS: Few Choice 62.00-63.25; Good 58.00-61.00; Good Holsteins 54.00-56.00.

FED HEIFERS: Few Choice 60.50; Good 56.00-57.00.

VEAL CALVES: Choice 65.00-74.00; Standard-Good 55.00-65.00; Stocky/Thin 30.00-45.00.

KILLERS: 80-100 lb. 45.00-50.00; Weak/Rough 30.00 down.

FARM CALVES: $5.00 higher. Holstein Bulls 95-125 lb. 55.00-80.00 mainly 60.00-75.00.

HOLSTEIN HEIFERS: Few 100-115 lb. 74.00-76.00.

BUTCHER HOGS: Prices steady. US #1&2 215-240 lb. to 56.35. US 1&3 220-260 lb. 54.00-54.50.

SOWS: 500-650 lb. to 43.00; 250-375 lb. 36.00-38.00.

BOARS: 500-840 lb. 33.50-34.50.

STOCK CATTLE: No Choice offered.

STEERS: Few Good 500-950 lb. 53.00-57.50.

HEIFERS: Good 300-700 lb. 46.00-49.50.

BULLS: Few Good 300-500 lb. 48.00-52.00; Bulk 500-750 lb. 43.00-48.00.

LAMBS: Good to Choice 40-85 lb. 50.00-57.00; Few Good 65-75 lb. 44.00-46.00.

SHEEP: 16.00-17.00, one ram to 26.00.

GOATS: By the Head, Mature 18.00-32.00; Kids 18.00-22.00.

Next Tues. July 31st we will have 40 Angus-Cross Beef Cows and 35 Calves weighing 200-400 lb. selling around 8:30 p.m.

Joliet Cattle

Thursday, July 26
Report supplied by USDA

CATTLE: Friday through Wednesday's salable receipts 1400; 5 days last week 2066; last year 1845. Trading slow on Monday; active on Wednesday. Slaughter Steers ended the week steady to .50 lower compared with Wednesday of last week. Slaughter Heifers ended the week mostly .50 lower.

SLAUGHTER STEERS: Choice few Prime 3-4 1250-1350 lbs. 68.00-68.50 Wednesday. Choice 2-4 975-1200 lbs. 65.00-66.50 Monday; 65.50-67.00 Wednesday. Mixed Good and Choice 2-3 1000-1200 lbs. 62.00-64.50 Monday; 64.00-65.50 Wednesday. Few Choice 2 1250 lbs. Holsteins 57.00 Monday. Few Mixed Good and Choice 2 1300 lbs. Holsteins 54.00 Monday.

SLAUGHTER HEIFERS: Choice 2-4 900-1050 lbs. 63.50-65.00 Monday; 64.00-65.50 Wednesday.

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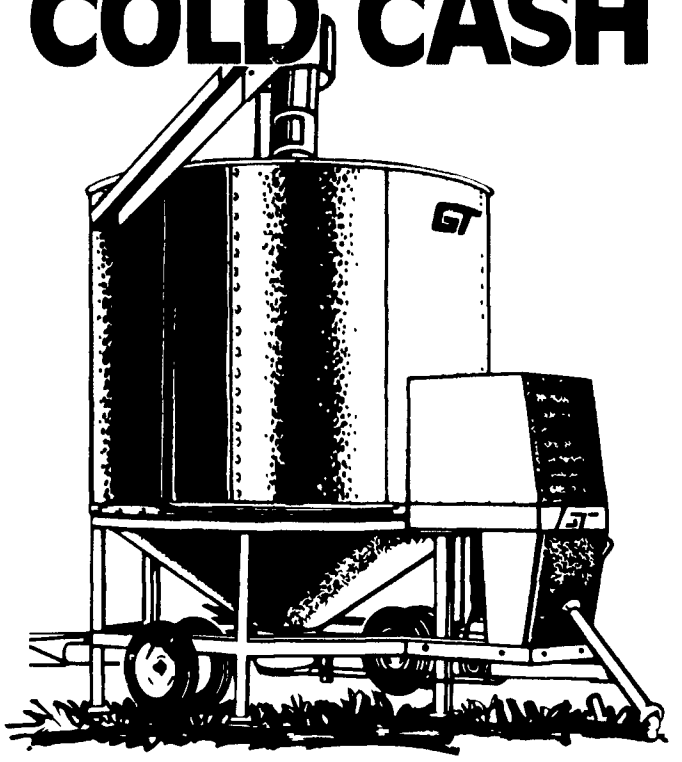

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Livestock market and auction news

Greencastle Livestock

Greencastle, Pa.
Monday, July 23, 1984

384 CATTLE: Butcher Steers - Choice 64.00-67.50; Butcher Steers - Medium-Good 52.00-64.50; Butcher Heifers - Choice 58.00-65.00; Butcher Heifers - Medium-Good 44.00-62.00; Butcher Cows - Utility-Good 39.00-45.00; Butcher Cows-Canners and Cutters 37.00-43.00; Butcher Cows-Shells 37.00 and down; Butcher Bulls - Medium - Good 46.50-55.00; Stock Steers - Medium - Good up to 63.00; Stock Heifers - Medium - Good 51.00.

367 CALVES: Medium-Good Calves - 160-220 lbs. 55.00-80.00; Medium-Good Calves - 125-160 lbs. 50.00-70.00; Medium-Good Calves - 100-120 lbs. 50.00-60.00; Medium-Good Calves - 80-100 lbs. 45.00-55.00; Holstein Bull Calves up to 85.00; Holstein Heifer Calves 65.00; Light and Green Calves down to 40.00.

17 SHEEP and LAMBS· Medium-Good Lambs 44.00-51.00.

111 HOGS: Good-Choice Butcher Hogs 190-225 lbs. 53.00-56.75; Good-Choice Butcher Hogs 225-250 lbs. 55.00-56.75; Good-Choice Butcher Sows 400 lbs., up to 45.25; Good-Choice Butcher Sows 400 lbs., up to 47.75; Heavy Boars up to 34.25; Pigs - Per Head 15.00-34.00.

Weekly Summary

Friday, July 27
Report Supplied by PDA

Markets: 16.

CATTLE: 6411. Compared with 7424 head last week, and 7838 head a year ago. Compared with last week's market: Slaughter steers mostly steady to 1.00 lower; Sl. heifers weak to 2.00 lower; Sl. cows highly uneven; Sl. bulls steady to 1.00 lower. Sl. steers: High Choice & Prime No. 3-4, 66.50-70.50; Choice NO. 2-4, 63.00-69.35; Good 58.00-63.00; Standard 51.00-57.75. Sl. heifers: Choice 58.00-62.25; Good 52.50-57.50; Standard 45.00-52.00. Sl. cows: Utility & Commercial 40.00-44.25; Cutters 38.00-43.00; Canner & L. Cutter 34.00-38.50; Shells down to 26.00. Sl. bullocks: (few) Choice 54.00-63.10; (few) Good 50.00-55.00; (few) Standard 46.00-50.75. Sl. bulls: Yield Grade No. 1, 1000-2050 lbs. 47.00-53.50; Yield Grade No. 2, 900-1450 lbs. 44.00-48.00.

FEEDER CATTLE: Steers, Medium Frame No. 1, 300-900 lbs. 47.00-56.50. Heifers, Medium Frame No. 1, 400-700 lbs. 40.00-48.00. Bulls, Medium Frame No. 1, 400-800 lbs. 42.00-53.00.

CALVES: 4730. Compared with 4682 head last week and 4620 head a year ago. Vealers Good & Choice grade[illegible] steady to 2.00 higher; Standard & Good weak to 2.00 lower; (few) Prime 85.00-95.00; Choice 65.00-79.00; Good 55.00-71.00; 110-130 lbs. 55.00-65.00; 90-110 lbs. 45.00-55.00; 65-90 lbs. 38.00-48.00; Utility 50-110 lbs. 20.00-45.00.

FARM CALVES: Hol. Bulls 90-135 lbs. 45.00-95.00, mostly 68.00-85.00; few Hol. Heifers 90-140 lbs. 44.00-72.50. Beef Cross Bulls & Heifers 70-100 lbs. 52.00-73.00.

HOGS: 9382. Compared with 7765 head last week and 7375 head a year ago. Barrows and gilts mostly .25-.75 lower. US No. 1-2 200-245 lbs. 56.25-57.50, No. 1-3 200-250 lbs. 54.00-56.50; No. 2-3 200-285 lbs. 52.00-54.00; No. 1-3 140-190 lbs. 43.00-49.50; Sows uneven. US No. 1-3 300-585 lbs. 38.00-45.00; No. 2-3 300-650 lbs. 37.00-42.00. Boars 29.00-38.00.

FEEDER PIGS 1313. Compared with 1406 head last week and 1589 a year ago. Weak to 10.00 lower. US No. 1-3 15-35 lbs. 14.50-26.00 per head; No. 1-3 35-50 lbs. 23.00-32.00. No. 1-3 50-85 lbs. 32.00-45.00.

3 GRADED FEEDER PIG SALES: 2838. Compared with 2148 head last week, and 1606 head a year ago. All sales by CWT. Feeder Pigs mostly steady to 15.00 lower. US No. 1-2 20-30 lbs. 80.00-118.00, 30-40 lbs. 74.00-96.00, 40-50 lbs. 69.00-86.00, 50-60 lbs. 71.00-85.00, 60-85 lbs. 70.00-80.00; US No. 2-3 20-30 lbs. 80.00-130.00, 30-50 lbs. 60.00-90.00.

SHEEP: 1080. Compared with 1687 head last week and 1401 head a year ago. Mostly 1.00 to 3.00 higher. High Choice & Prime 65-110 lbs. 59.00-67.00; Choice 60-115 lbs. 54.00-61.00; Good 50-100 lbs. 38.00-55.00. Sl. sheep: 10.00-23.00.

Omaha Weekly

Thursday, July 26
Report supplied by USDA

Fed cattle prices declined 1.00-1.50 in trading this week, with closing levels at the full decline. Sharper losses appeared imminent but extremely light salable receipts curtailed a sharper downturn. Overall finish ran the poorest in some time, with the upper levels of the Choice grade poorly tested at midweek. Cow prices advanced 3.00-4.00, recovering all of last week's downturn. Bulls 1.00-2.00 higher.

Estimated 5 day receipts 7600; actuals last week 8395 and last year 9120. Steers comprised 47 pct. of the week's receipts; Heifers 38 pct; Cows 11 pct; Feeders 3 pct.

SLAUGHTER STEERS: At the close, few loa[illegible] and part loads Choice 2-4 1050-1250 lbs. mostly 66.00, load 67.00; few lots 1000-1050 lbs. 65.00-65.50. Mixed Good and Choice 2-3 1000-1150 lbs. 64.00-65.50. Few Good 61.00-63.00. Few lots Mixed Good and Choice 2-3 1150-1300 lbs. Holsteins 54.00-56.00.

SLAUGHTER HEIFERS: Choice 2-4 950-1050 lbs. 63.00-64.50. Mixed Good and Choice 2-3 900-1000 lbs. 60.00-63.00. Good 58.50-60.50.

Average of LS 214 Detailed quotations for 900-1100 lb. Choice Steers 65.20; 1100-1300 lbs. 67.02. Average cost Steers 64.62, average weight 1128 lbs. as compared 66.36 and 1150 lbs. a week ago. Average cost Heifers 62.71, average weight 991 lbs.; as compared 64.04 and 1000 lbs. a week ago.

COWS: Breaking Utility and Commercial 2-3 41.25-44.50, few high dressing individual to 46.50. Cutter and Boning Utility 1-2 38.00-43.00, high dressing to 44.00. Canner and low Cutter 34.50-38.00.

BULLS: 1-2 1100-2000 lbs. 46.00-53.75.

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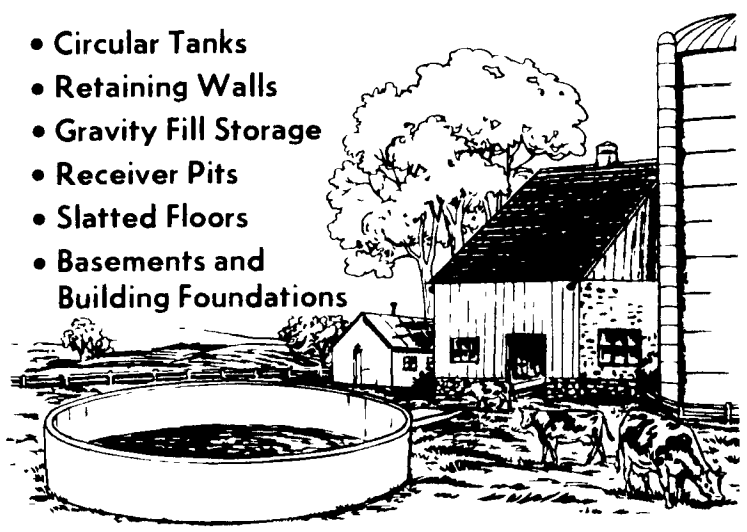

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Indiana Livestock Auction

Homer City, PA
Thursday, July 26
Report supplied by PDA

CATTLE: 190. Compared with last Thursday's market: Sl. cows weak to .50 lower. Sl. steers: Good 58.00-60.50; Standard 49.00-56.00. Sl. heifers: Choice 60.00-62.75; Good 56.00-59.00. Sl. cows: Breaking Utility & Commercial 42.00-45.00; Cutters 37.25-42.00; Canner & L. Cutter 32.00-37.50. Sl. bulls; (few) Yield Grade No. 1, 1300-1650 lbs. 50.00-53.75.

CALVES: 175. (few) Choice 65.00-70.00; (few) Good 55.00-60.00; 90-120 lbs. 46.00-54.00; 60-85 lbs. 40.00-48.00.

FARM CALVES: Hol. Bulls 90-125 lbs. 62.00-88.00.

HOGS: 230. Barrows and gilts 1.50-2.00 lower. US No. 1-2 210-250 lbs. 53.00-54.00 No. 1-3 200-260 lbs. 52.00-53.00; few No. 2-3 240-260 lbs. 51.50-52.00; US No. 1-3 300-550 lbs. 41.00-44.00; No. 2-3 300-600 lbs. 38.00-41.00.

Leesport Livestock

Leesport, Pa.
Wednesday, July 25, 1984
Report Supplied by PDA

CATTLE: 291. Compared with last Wednesday's market, slaughter steers $1-$2 higher. Slaughter cows strong $2 higher. Slaughter bulls Strong $1 higher. Choice 1050-1300 lbs. 64.75-67.00 one 68.50, Good 59.25-66.25, Good & Choice holsteins 1250-1400 lbs. 53.75-62.25, Standard 51-58.25, Few Utility & Low Standard 44.50-50.85. Few Choice slaughter heifers 60.75-62.25 one 68.25, Good Few 52.75-58.00. Breaking Utility & Commercial slaughter cows 43-44.10, Few 46.25. Cutter & Boning Utility 38-43.50, Canner & Low Cutter 33.75-38.85, Shells down to 29.50. Bullocks-Good 51.25-57.75 one 58.50, Standard 46.75-51.00. Yield Grade No. 1 1250-1850 lbs. slaughter bulls, 49.50-57.50 mostly 51-56.00, Few Yield Grade No. 2 900-1400 lbs. 44-48.50.

FEEDER CATTLE: Steers Lot Medium Frame #1 915 lbs. 50, Few Large Frame #2 600-875 lbs. 46.50-47.00. Heifers Lot Medium Frame #2 545 lbs. 40.50. Bulls Few Large Frame #1 800-835 lbs. 49-49.50, Few Large Frame #2 550-635 lbs. 43-46.50.

CALVES 195. Vealers Grading Good & Choice $5-8 higher, Standard & Good $1-2 lower. Choice Vealers 65-79, Good 59-71, Standard & Good 110-130 lbs. 55-64, 90-110 lbs. 48-55, 70-85 lbs. 40-48, Utility 90-100 lbs. 42-47, 60-85 lbs. 25-35.
25-35.

FARM CALVES: Holstein bulls 90-130 lbs. 53-91 mostly 73-87.00. Few Beef Cross Bulls & Heifers 75-100 lbs. 54-73.00.

Belknap Livestock

Dayton, Pa.
Wednesday, July 25, 1984
Report Supplied by PDA

CATTLE 50. Compared with last Wednesday's market, slaughter steers, one Good at 57.50, few Utility 44.00-47.00. One Good slaughter steer at 55.50, few Standard 45.50-49.50, one Utility at 44.50. Breaking Utility slaughter cow, one at 45.25, few Cutter & Boning 37-42.75, Canner & Low Cutter 31.25-36.75, Shells down to 26.75. One Utility slaughter bullock at 44.50.

FEEDER CATTLE: Few Medium Frame #1&2 555-715 lbs. feeder heifers 34.00-40.25.

CALVES 61. One Choice vealer at 68.00, Standard and Good 65-90 lbs. 40.00-51, few Utility 50-110 lbs. at 30.00.

FARM CALVES: Holstein Bulls 90-130 lbs. 60.00-86, 85-90 lbs. 53.00-60; few Holstein heifers 75-100 lbs. 49.00-68; few Beef cross bulls and heifers 70-100 lbs. 55.00-61.00.

FEEDER PIGS 82. US No. 1-3 15-25 lbs. feeder pigs 14.50-20 per head, No. 1-3 35-50 lbs. 32.50-45, Utility 15 lbs. 12.50-14 per head.

SHEEP 0. NO SALES ON OFFER.

GOATS 9. 5.00-12.00 per head.

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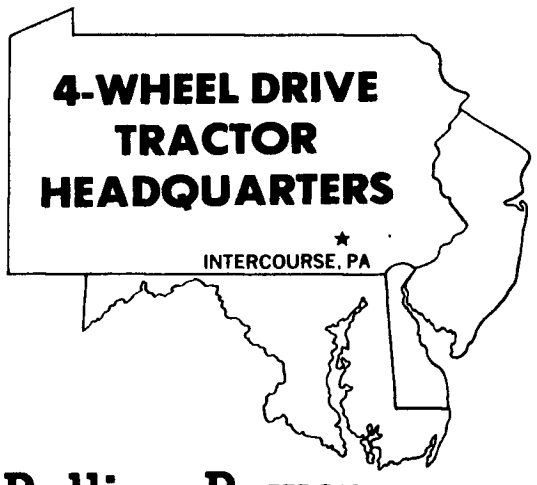

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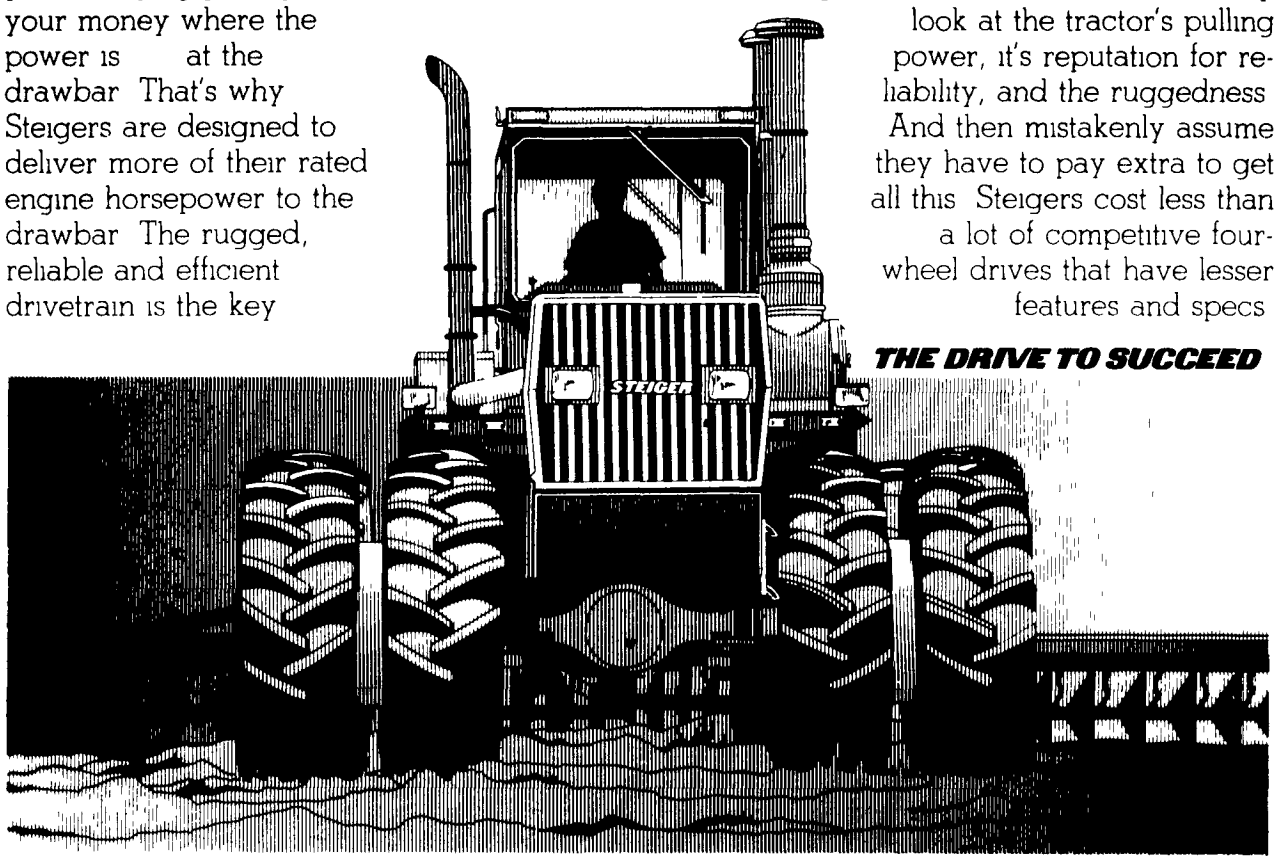

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Futures

By Peter D. Forbes

GRAINS — The major factors in the grain market at present are the physical condition of the crop and the potential for strong exports in the fall. Weather will affect the crop and the strength of the dollar will affect the exports.

The 30-day forecast for the major grain growing areas in the country is for above normal precipitation and below normal temperatures. Our forecast is for average cornbelt temperatures to range between 78 and 85 degrees and for continued scattered rains throughout the next month.

The prospects for strong export business will hinge on Russian weather prospects. In the last month the major grain areas have been hot and dry and this has precipitated increased purchases from the Russians. Russian exports are projected at 45 million metric tons. This is the maximum amount of exports they can handle given their port capacity and compares to 30 to 35 million metric tons of export business in each of the last few years. If they attempt to buy more than the 8 to 12 million metric tons in their U.S. grain agreement, the export situation could be very strong.

Recently China reported a record small grain crop and this will put pressure on their ability to take more than, if not the exact amount, of the U.S. agreement.

In terms of the U.S. crop situation, corn and soybeans look excellent. In the past week farmers have begun aggressive hedging and cash forward contracting through their brokers and local grain elevators. One must assume that farmers are the best judge of their crop condition and feel comfortable in their yield prospect. Any market watcher should use prices to interpret the news. Despite being in the most critical time of crop development, price continues to fall. One can only conclude that the market feels very comfortable with our current crop progress.

The USDA is currently undertaking a re-survey of flooded areas in the western cornbelt to determine an accurate number for planted acreage. Current projections are for a 78.5 million acres planted. With an average of 11% of the acres abandoned, one could expect a 70 million acre harvest. In the last three non-drought years we have averaged 110.5 bushels per acre which would give us a 7.7 billion bushel crop.

The following chart is the current projection for supply and demand for this year's crop:

Carry In	500 - 550
Crop	7.7
Total Supply	8.2
Useage	7.1
Carry Out	1.1

As you can see, next year's carry out will be approximately two times that of 1983. Clearly the market will feel much more comfortable with over one billion bushels buffer stocks. Some people make parallel between this year and 1982. In both cases the government loan rate was 2.55 per bushel.

In 1982 the average farm price was 1.90 per bushel. Decmeber futures were trading at 2.54 at this time a year. What is different between the two years is that our carry in this year is much less (projected carry out was 1.2 billion

(Turn to Page A38)

42 farm couples gather for co-op session

BY SALLY BAIR
Staff Correspondent

DANVILLE — Forty-two young farm couples from throughout Pennsylvania attended a two-day conference last week in Danville sponsored by the Pennsylvania Association of Farmers Cooperatives and the College of Agriculture of The Pennsylvania State University.

Sponsored by local farmer cooperatives, the couples had the opportunity to learn more about the cooperative way of doing business, and they learned how they can become more involved and concerned cooperative members.

Robert Reich, general manager of the Northeast Farm Credit and vice president of PAFC, challenged the group to go home and "use what you learn or you'll lose it." He urged them to decide several ways they can get involved in their cooperative and ways to get their friends involved within 48 hours of the conference. "We believe in you," he concluded as he explained the reason co-ops wish them to take a more active role.

Calling co-ops part of "your personal farming operation," N. Alan Bair, director of member services for Atlantic Breeders Cooperative, said, "Co-ops help to create an economic environment you can survive in." He, too, encouraged them to participate further in their local cooperatives.

One of the highlights of the conference was the opportunity to meet with cooperative leaders and ask questions of about 15 managers and directors from cooperatives such as dairy, artificial breeding, farm credit and supply cooperatives. They also had the chance to raise issues concerning the future of co-ops.

Individual sessions for men and women allowed them to discuss some of the stressful situations shared by all farm couples, including financial concerns, partnerships and how they can be successful, hired help, time for vacations and adequate housing.

A "college bowl" quiz brought out the basics of cooperative principles, and a "mini-board" session with actual problems faced by boards of directors helped them gain insight into the role directors play in keeping cooperatives operating efficiently.

Dr. Kenneth Markley, a counselor for the Narramore Foundation, inspired the group to become more mature people on a personal level, helping them understand that mature persons are realistic in their thinking, are able to be cooperative with others, and can withstand frustrations and disappointments.

Markley told the group that mature people can stand on their own two feet and make decisions, and can accept both praise and criticism with poise.

A mature person, Markley said neither demands nor expects perfection, and he concluded, "The greatest test of maturity is 'Are we willing to reach out and give of ourselves?'"

The Reverend Al Lumpkin, chaplain for Geisinger Medical Center, told the couples that people were created to need each other. "We can't live life separated."

He said that a marriage can be kept alive when there is "an atmosphere in which the needs of two people are met constantly. When people have a marriage that is alive they did a lot of things to make it happen."

Hal Doran, PAFC education director, congratulates the four farm couples who will serve as leaders for the 1985 PAFC Co-op Couples Conference. They were selected from 42 farm couples attending this year's meeting at Danville last week.

Seated are Dixie and Erick Coolidge, left, R7 Wellsboro; and Janet and Jeff Peters, R6 Meadville.

Standing are Jere and Jan Skiles, left, R2 Narvon; and Cynthia and Gary Pepple, R2 Clearville.

Ed Reichard, dairyman from Cumberland County, spoke to the group in his role as a part of the director couple for PAFC, and told them to remember, "If it is to be, it is up to me."

At the conclusion of the conference four couples were selected to serve in planning and leading next year's conference.

They are:

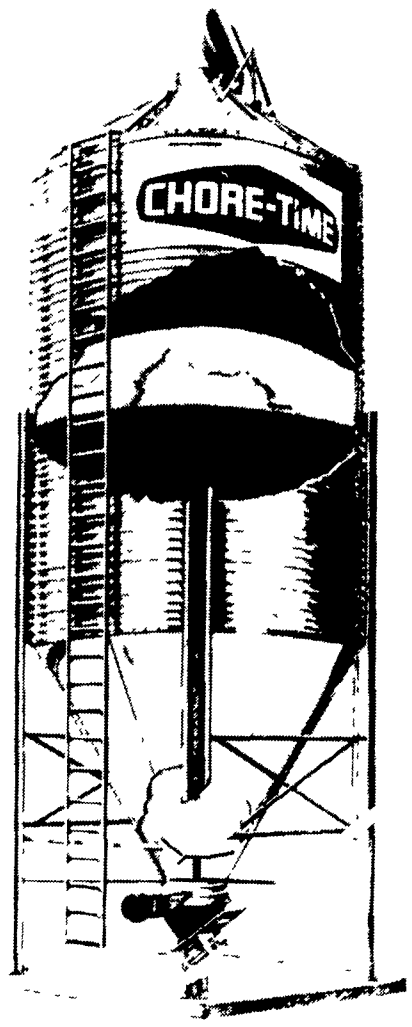
Jan and Jere Skiles, R2 Narvon, representing the southeast region and sponsored by Inter-State Milk Producers Cooperative.

Erick and Dixie Coolidge, R7 Wellsboro, representing the Northern Region and sponsored by Headwaters Farm Credit.

Jeff and Janet Peters, R6 Meadville, representing the Western Region and sponsored by Meadville Farm Credit.

Gary and Cynthia Pepple, R2 Clearville, representing the Southcentral Region and sponsored by Lehigh Valley Farm Credit.

Serving as chair couple for the event will be Frank and Virginia Graybill, Hershey, sponsored by Atlantic Breeders Cooperative.



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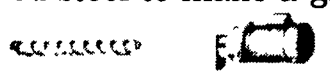

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Glatfelters plan 4 Paso Fino open houses

YORK — Horselovers from several states are expected to attend one of four public Open House sessions set for this summer at a central Pennsylvania ranch known as one of the country's major breeders of American Paso Fino horses.

Art and Lee Glatfelter, owners of Fieldstone Meadows Horse Farm, Wrightsville, York County, are inviting the public to see and ride the breed that is called " the smoothest riding horse in the world," on the following Saturdays from 1 to 4 p.m.: July 28, Aug. 25, Sept. 29 and Oct. 27. With a herd of more than 60 Paso Finos, the Glatfelter farm qualifies as one of the largest breeders of Paso Finos north of the Carolinas.

"The Paso Fino must be seen and ridden to be believed," Mrs. Glatfelter emphasized. She said the horse's incredible natural gait absorbs the shock of the trail and the show ring making the breed an unparalleled favorite for pleasure riders.

"It's only been in the last decade or so that we've had enough Paso Finos to market," Mrs Glatfelter noted. "Right now there are about 7500 of these horses in the U S. and it's recognized as the fastest growing breed in the country " About a decade ago, she reported, there were only a few hundred Paso Finos in the U.S.

The Paso Fino (Spanish for "fine gait,") originated from a select group of mares and stallions brought to the New World by Columbus on his second trip here. In the ring the horses are shown in traditional Spanish garb and they are known for their elegance and "brios," another Spanish term which roughly translated means "fiery spirit willing to please its master."

The Glatfelters began researching the Paso Fino in 1970 when the horse was almost extinct on this continent. Mrs. Glatfelter said she had a back problem and had heard that the Paso Fino's remarkable gait was so smooth that an observer could not see any up and down movement in the shoulders of the horse's rider "Obviously," she added, "we were not disappointed when we finally experienced the breed."

She noted it is the necessity of that personal experience with the horse that prompted the farm to conduct Open Houses where the breed could be seen and ridden

"The Paso Fino is the horse for anyone looking for a fine pleasure or show horse," she concluded. "And investors who get in on the ground floor of this breed are going to profit enormously."

For detailed directions to the Fieldstone Meadows (located just minutes from the junction of U.S. 30 and Interstate 83,) visitors may call manager and trainer Robert L. Kilgore at (717) 244-8928. Private appointments may be made to see the farm and ride the horses as well.

Produce festival slated

ANNAPOLIS, Md. — The third annual "Maryland Fresh Produce Festival" will be held on Thursday, August 9, at War Memorial Plaza in downtown Baltimore from 11 a.m. to 2 p.m.

According to Helen M. Huber of the Maryland Department of Agriculture who is coordinating the event, there will be a little of everything.

"As always, we will have a mini-fresh produce market with some of the freshest fruits and vegetables from Maryland farms, entertainment, food sampling, food processing demonstrations, lively music from a blue grass band, door prizes, balloons for kids, audience participation and games.

"Over the past two years the festival has proven to be fun and serves as a good reminder of just how fresh and delicious Maryland produce is when it is in the height of its season which it will be on August 9th," she added.

Groups joined together to put on the project are· the "Adventures In Fun" office of Mayor William Donald Schaefer, the Maryland Roadside Markets Association, the Maryland Watermelon Association, Maryland State Apple Commission, Maryland Food Center Authority, Baltimore Chapter of the United Fresh Fruit and Vegetable Association, Baltimore City Extension Service, and the Maryland Department of Agriculture's Marketing Services Section.

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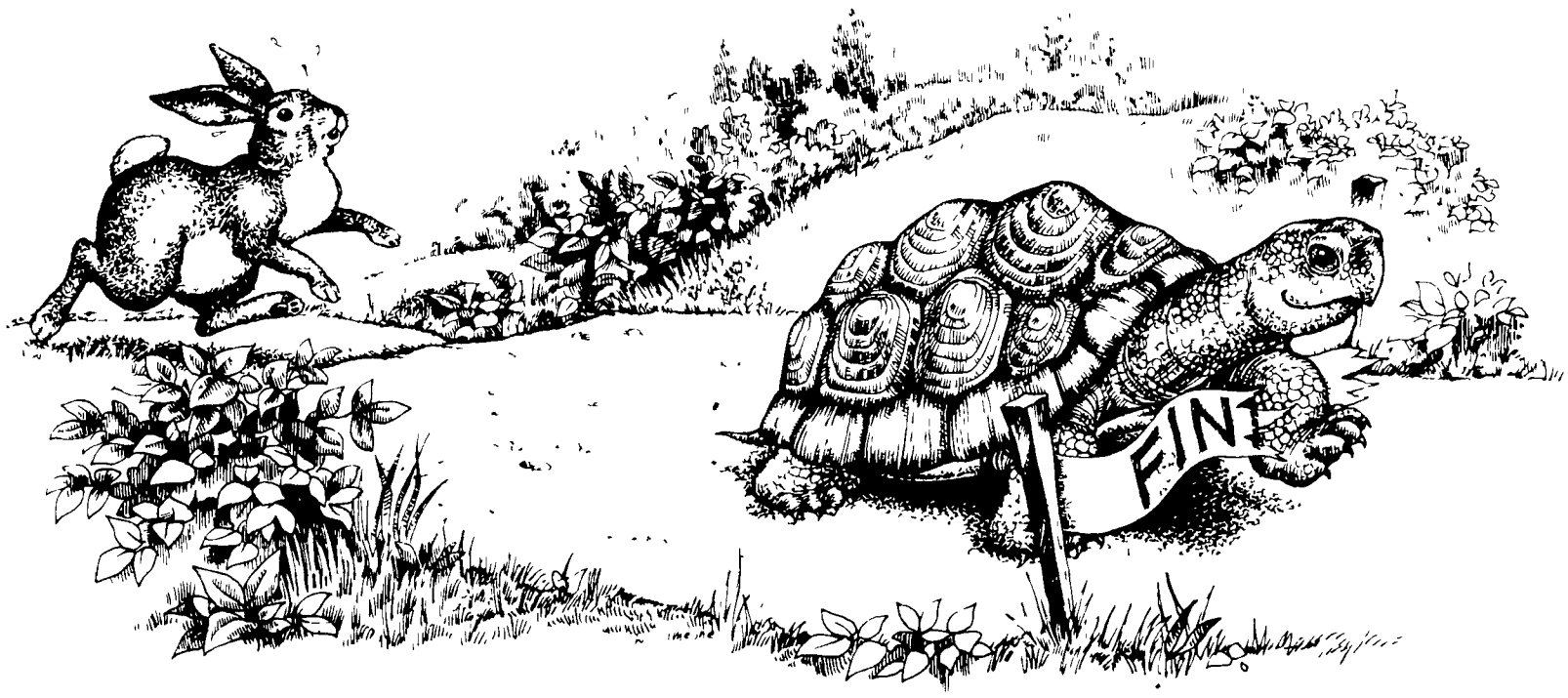

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Tobacco inspection rules set

WASHINGTON, D.C. — The U.S. Department of Agriculture has approved new rules governing the inspection and grading of imported tobacco.

Lionel S. Edwards, a marketing official with USDA's Agricultural Marketing Service, said the rules carry out provisions of the Dairy and Tobacco Adjustment Act of 1983, which requires inspection of all tobacco offered for importation into the United States, except oriental and cigar tobacco.

Regulations governing the certification of imported cigar and oriental tobacco will be proposed at a later date, Edwards said

The act also gives USDA authority to fix and collect fees from importers to cover, as nearly as practicable, the costs of such services. The fee has been set at $.0035 per pound.

USDA received nine comments during a public comment period when the rules were proposed. After studying these comments, USDA changed the rule that would have required an importer to send the inspection certificate to the director of the Tobacco Division, AMS, when the entire lot covered by the certificate has been sold, manufactured or exported. The importer may dispose of the certificate when one of these criteria is met.

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See Section C - Page 39

Planning ahead makes sense for Lebanon dairyman

BY LAURA ENGLAND

MYERSTOWN — During the 1800's, Auguste Rodin emerged as one of the world's foremost of modern sculptors. Intrigued by the human expression, Rodin tried to mold into each of his sculptures the emotional character of his living model. The most famous of his creations was "The Thinker."

Expressing more than words could describe, Rodin's famous sculpture depicts a man seated, slumped over at the waist. The man rests his chin on his folded right hand, while his left arm lays flushed against his left leg. As the name "The Thinker" conveys, the man appears to be deep in thought, possibly contemplating his future.

If Rodin were alive today and working on a 20th century "The Thinker" sculpture, his figure may be standing or moving and not sitting as his 1800 creation. The figure would be thinking aloud with mouth drawn slightly open. The arms would be extended while a hand reaches out to plug numbers into a computer. On the face would be an expression of excitement mixed with the serious of a future plan.

The updated "The Thinker" could very well be modeled after Harold Myer, a Lebanon County dairyman, who constantly questions, "What's next? What's next?"

"I believe in planning your work and working your plan," Harold said of his farm operation. "I plan five years ahead."

To do this, Harold spends much time thinking and planning - nothing is done without a game plan. Listed in his game plan are such factors as finances, family and future.

Considering himself a financial manager, although humbly admitting that he may not be "the best of farmers," Harold said the important thing in a farm operation is to establish cash flow.

"The idea is to keep the money going," he said. "Uncle Sam likes it (money) and we like it, too."

To keep his finances in check, Harold opted to include a computer in 1981 as a management tool. Helping to make him "a better financial manager," Harold uses his computer to file monthly and yearly financial statements. The computer is also used to develop feed programs and other farm needs.

Where finances are concerned, Harold said the farm budget is established on a monthly basis. Both a projected cash flow and a blank cash flow are determined. The blank cash flow reveals what the actual month's expenses were.

Harold uses a Visacalc system, a computer program, to set up his feed, labor and machinery costs in a "way that I can understand it." The bookkeeping system, managed by wife Susan, is modeled after the Pennsylvania Farmers Association accounting system.

Through their financial management program, Harold and Susan obtain an itemized monthly history of expenses and income They monitor on a monthly basis what they have

"With the economics and the cost of money, we have to program ourselves," Harold said. "Money is an important part of our operation, and we have to project the cost of that money."

Believing strongly in the need for sound financial management, Harold said he spends much time during the winter developing cash flow budgets. Available cash flow, he added, is used to make purchases.

Through the computer, Harold projects his cash flow. With financial records available at the touch of keyboard, he is able to compensate on a month to month basis where money needs to be spent.

As an example, Harold incorporated a computer program to analyze his feeding program. Listing in his program are monthly herd milk and butterfat production records, available feed and feedstuffs and daily nutritional requirements such as protein, dry matter and total digestible nutrients.

Feeding a total mixed ration based on Penn State forage test recommendations, Harold said he can easily change his feed ration and get the best feed for the best cost. The computer allows him to make these changes readily and decide on a ration, considering costs at the same time.

"I like to compare the costs of feed," Harold said. "I like to get the better bargain."

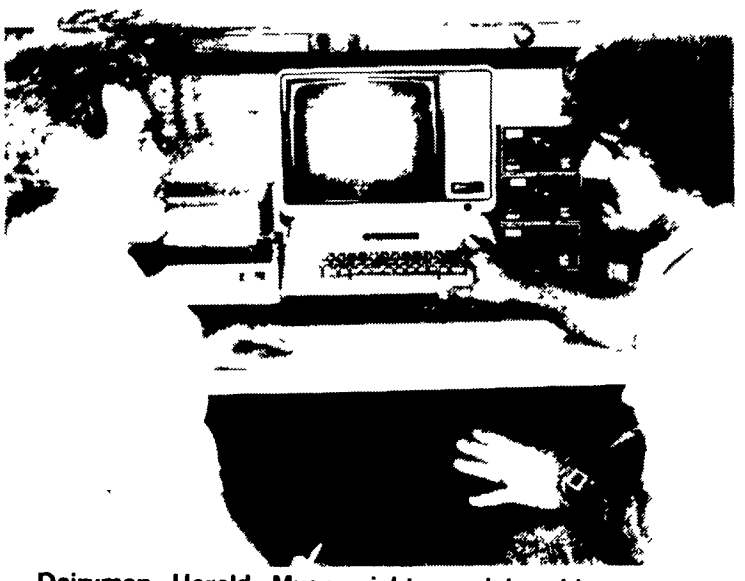
Getting the better bargain and the most for his money is important, Harold contends. This

(Turn to Page A25)

Farm supports 8 families

The Harold Myer farm, with its 1,000 acres and 300 milking cows, supports not only the Myer family but seven hired hands and their families as well.

Computer is hired hand, too



Dairyman Harold Myer, right, explains his computer program for feed to Lebanon County extension agent Ken Winebark.

Next generation in wings

Like many farm couples, Susan and Harold Myer hope their sons, from left, Josh, nine, Seth, seven, and Aaron, six, will continue the family farm.

Open-side calf barn

An open-side calf barn provides a healthy environment for young stock on the Myer farm.

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DHIA supervisors receive honors at annual conference

BY LAURA ENGLAND

STATE COLLEGE — Highlighting the 60th annual State Dairy Herd Improvement Association Supervisors Conference held at the Elks Club in State College, was the recognition of the association's outstanding supervisors.

Honored during the conference banquet last Friday, July 20, were county supervisors who provided outstanding service to DHIA members during the past year. Among the top of these supervisors was Harold Probst, Lancaster County.

Named the Superior Supervisor, Probst was first honored at ceremonies during the State Farm Show in January. Selected by the DHIA staff as the "best in the state," Probst was honored a second time during the Friday night banquet. He received an engraved plaque.

A DHIA supervisor for 26 years, Probst has worked with 125 dairymen and has completed 54,000 cow performance records. He has made only 34 errors in his 26 years, and has maintained an average mailing time of 1.9 days.

Recognized as the 1984 Distinguished Supervisors were Gary Davies, Susquehanna County; Harvey Fettig, Juniata County; and William Motzing, Crawford County. These men were also selected by the staff and represent the three administration regions of the state DHIA.

Karen Halteman, Montgomery County, received the 1984 Putnam Award, based on the least errors made over a one-year period. Miss Halteman, a supervisor for two years, committed only one error last year The average number of errors per supervisor is four

The 1984 Hollinger Award went to Tom Garrett, Lancaster County Garrett, vice president of the state association, received the plaque awarded to the supervisor who provides the neatest production data. The recipient is selected by the DHIA laboratory technicians who process the data.

Honored for 20 Years Consecutive Service was Gerald Pratt, Bradford County. Five Years Consecutive Service awards went to Raymond Yaggie, Berks County; Darrell Brumbaugh, Blair County; Barbara Gary, Bradford County; Ruth Ann Moyer, Bucks County; Joe Schreiffer, Wayne County; Steve Kammer, Wayne County; and Marianne Walter, York County.

Also recognized for consecutive service awards were the following:

Five Years - Ralph Weiler, Huntington County; Mary Bender, Lancaster County; Stirel Harvey, Wyoming County; Janet Hentz, Adams County; Barbara Gary, Bradford County; and Patti Sue Johnson, Lancaster County.

Ten Years - Terry McAfee, Northumberland County; Vere E. Balmer, York County; and Martha Ohl, Erie County.

Fifteen Years - Jay Mylin, Lancaster County.

Twenty Years - Harvey Fettig, Juniata County; Leonard Miller, Somerset County; Raymond Yaggie, Berks County; and Donald Lutz, Berks County.

Twenty-five Years - Moses Martin, Lancaster County; John O'Toole, Perry County; John Arnold, Lebanon; and Robert Jones Jr., Mercer County.

Thirty Years - Jay Risser, Lancaster; and Eugene Pope, Somerset County.

Thirty-five Years - R. Walter Stydinger, Perry County; and Harry Fritz, Franklin County.

Forty Years - Gerald Miller, Chester County.

The banquet was part of a two-day conference directed by the state DHIA. Topics such as quality certification, sire identification and verification tests were discussed.

According to Ray Pruss, DHIA administrative assistant, a highlight of the two-day meeting was a group discussion on improving services for dairymen The DHIA, Pruss said, hopes to develop a more uniform program among the county members, including a more uniform training program for county supervisors

"Every dairyman should get the same service across the state," he said

Distinguished DHIA supervisors are, from left, Harvey Fettig, Juniata County; William Motzing, Crawford County; and Harold Probst, Lancaster County, also named Superior Supervisor. Missing from photo is Gary Davies, Susquehanna County.

Gerald Pratt, Bradford County, is honored for 20 years consecutive service to the DHIA.

Karen Halteman, left, Montgomery County, receives the 1984 Putnam Award, while Tom Gerrett, Lancaster County, receives the 1984 Hollinger Award.

Recognized for five years consecutive service are DHIA supervisors from left, Raymond Yaggie, Berks County; Barbara Gary, Bradford County; Darrell Brumbaugh, Blair County; Ruth Ann Moyer, Bucks County; Steve Kammer, Wayne County; and Marianne Walter, York County.

New ag post created

UNIVERSITY PARK — Penn State's College of Agriculture has strengthened its commitment to student services by creating a new position to direct student activities and to assist departments in the College with their undergraduate programs.

James S. McCoy, assistant professor of agricultural and extension education and coordinator of recruitment and commonwealth campus relations, has been named Director of Undergraduate Student Affairs.

Announcing the appointment, Gene M. Love, associate dean for resident education in the College, commented," This new position is central to the goals and objectives formally adopted by the College to insure a personalized approach to student services. Jim's continuing contact with students has been tremendously important to our commitment to recruitment, retention, education and placement."

As director of undergraduate student affairs, McCoy will work with the Agricultural Student Council and student clubs, monitor and coordinate the College intern and placement programs, direct undergraduate recruitment and retention activities with a special emphasis on minority programs. He also will help prospective students and their partners set educational goals.

McCoy received his Ph.D. from Penn State in 1983, has been a member of the Office of Resident Education staff since 1982 and taught vocational agriculture in Virginia for six years before beginning advanced studies at Penn State in 1979.

In 1982, McCoy received the Andrew V. Kozak Fellowship for his contributions to public education. The Penn State Future Farmers of America honored him with a distinguished service award in 1980, and he was named an Outstanding Young Man of America by the National Jaycees in 1981.

This year, McCoy is serving on several University committees concerning student recruitment and retention, including the task force on minority recruitment and the advisory committee on new student programs for transfer students. He is the chairman of the subcommittee on pre-enrollment activities, and is also a member of the state advisory board for the national Ag in the Classroom program.

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29H3064	Jason	272	193	+123	+1171	−.08%	+28	92%	+ .92	+569
29H2811	Chris	7546	2782	+120	+1820	−.33%	+ 2	99%	− .29	+517
29H3815	Milkmaster	315	236	+ 98	+756	+.01%	+29	92%	+1.09	+520
29H2779	Frosty	2394	1056	+ 95	+ 727	+.01%	+28	99%	+ .95	+502
29H3183	Ken Royal	578	294	+ 93	+ 572	+.07%	+33	95%	+ .41	+455
29H3161	Print	305	200	+ 92	+ 532	+.08%	+34	92%	+ .09	+427
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Hershey addresses Pomona

UNIONVILLE — State Rep Arthur Hershey addressed the quarterly meeting of Pomona Grange #3 of Chester-Delaware Counties recently at East Lynn Grange hall in Unionville

Rep Hershey, whose topic was Harrisburg as I see it", explained the various items adopted in the State budget, including the reduction of the personal income tax to 2 35%, the 1% reduction in the corporate income tax, and the PACE program to aid eligible senior citizens by paying part of their prescription drug costs from the lottery fund Twenty-five million dollars has been allocated for low interest mortgage loans

In his talk, he also spoke about the changes in the no-fault auto insurance law, the requirement to have amusement rides inspected, the upcoming seat belt bill, and the bill giving protection to persons who report corruption in business.

Before the Grange business meeting, a picnic supper was held on the lawn of the Grange hall. The evening session was presided over by Master, Terry Murray. Mrs. Robert Chambers gave the address of welcome and Mrs J Edwin Cook responded.

David Wanner, Agriculture Committee chairman, reported the Milk Security Fund bill, has passed and stated that the U.S. Government is purchasing 34% less from farmers.

Pomona Grange has an exhibit at the Kimberton Fire Company Fair and will have a display at Goshen Fire Company Fair.

It was announced that Ellen Marie Huber won first place in the regional Sign A Song Contest solo division, and the quartet composed of Mrs. Henry Huber and Ellen Marie Huber of Goshen Grange and Virginia Buffington and Mrs James Steele of Kennett Grange took first honors in the group division All of these will compete at National Grange in Portland Maine in November

Tradition was broken by the election of the first woman Master of Pomona #3, Mrs J Edwin Cook of Brandywine Grange #60 Other officers elected to serve with Mrs Cook for two years were Overseer, David Wanner, Honey Brook Lecturer, Mary Sproat, London Grove, Steward, Harold Rennard Goshen, Assistant Steward, Edward Hook, Russellville, Lady Assistant Steward, Mrs Edward Hook, Russellville, Chaplain Mary Jane Pennoyer Marshallton Treasurer, C Wilmer Supplee, Goshen, Secretary, Mrs Henry Huber, Goshen, Gatekeeper, J Edwin Cook, Brandywine; Ceres, Mrs Carroll H. Pratt, London Grove; Pomona, Virginia Buffington, Kennett; and Flora, Esther Rennard, Goshen Terry Murray was elected to a three year term on the Executive Committee and Robert Chambers to a three year term on the Finance Committee.

Upcoming events for the Grange include County Day on August 1 at Honey Brook Grange hall, when National and Pomona contests will take place under the direction of the Women's Activities Committee. Speaker for the affair will be Ina Jacobs, who will present a program on quilts. A picnic will be held August 19th at Warwick Park, a barbeque will be served a group on August 30th, and degrees will be conferred Sept. 22nd at East Lynn Grange hall.

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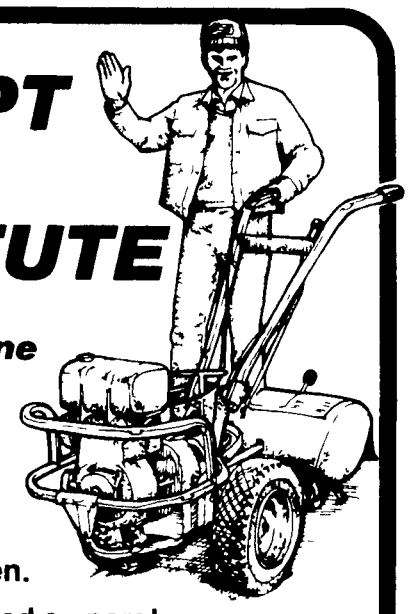

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Poultrymen air grievances

Specter visits county in wake of avian flu

BY JACK HUBLEY

MASTERSONVILLE — U.S. Senator Arlen Specter arrived in Lancaster County on Monday for some first-hand feedback from poultrymen following the avian influenza epidemic that swept the county beginning last fall.

Specter's first stop was Dutch Dozens Farms owned by Claude Hess of Mastersonville. After donning sanitary coveralls and boots, the senator accompanied Hess on a tour of his 81,500-bird layer facility.

At the conclusion of the tour, Specter underscored his feeling that victims of the outbreak had been inadequately compensated by the federal government.

"Farmers are entitled to receive fair market value for their birds, and the compensation failed to cover this," Specter stressed.

Another of the senator's prime concerns dealt with preventive medicine.

"I'm determined to try to avoid this type of thing in the future," he stated, vowing to support methods of safeguarding the state's $400 million-a-year poultry industry.

Claude Hess showed the senator the new system of packaging eggs using plasic crates that are sanitized after being used. Specter noted that such a system was a vast improvement over the previously used cardboard cartons that received no cleaning between usages.

He also expressed concern over the criteria for implementing depopulation of infected flocks, inferring that some of Pennsylvania's flocks may have been destroyed unnecessarily. The senator called for more research into the threshold used for depopulation and stated that the studies should be supported at the federal level.

Following the farm tour, Specter met with poultry farmers at the Mastersonville firehall. With pen and paper in hand, he made notes as farmers related their own opinions on the federal rescue effort.

Of those farmers in attendance, Bainbridge poultryman Charles Brooks was one of the hardest hit by the epidemic. Brooks lost 42,000 chickens between October 26 and November 3, about one week before a state of emergency was declared. Because only those flocks depopulated by the Task Force qualified for indemnity, Brooks received no federal compensation for his birds.

"Nobody told me about the indemnities that were coming, so we sold the birds "(for slaughter)," Brooks said.

He estimates that the money received for his birds, along with funds provided by the state for cleanup and disinfecting, covered only half of his losses. And with half of this money needed to satisfy interest on loans, the poultryman told Specter that there was a very good possibility that he would lose his farm as a result of the disease.

Another farmer suffering substantial losses was Paul Wolgemuth of Elizabethtown. Wolgemuth and his father, Paul Sr., lost not only their flock of 70,000 layers, but 80,000 replacement pullets, as well. Though the younger Wolgemuth stated that the indemnity "pretty well covered our cash losses," the fact that their farm was out of production for six months when egg prices peaked, did hurt their operation considerably.

Other farmers in attendance echoed Wolgemuth's sentiments concerning down-time losses.

Being out of production from December through March was a crippling blow, according to Claude Hess, who's layer flock was depopulated during the first week of December.

But even more frustrating, according to Hess, was the fact that the Task Force depopulated his flock despite laboratory test results from Ames, Iowa, showing his flock to be free of the highly pathogenic strain of avian influenza. (During the period when Hess' flock was destroyed, only those flocks diagnosed as "high path" qualified for depopulation.)

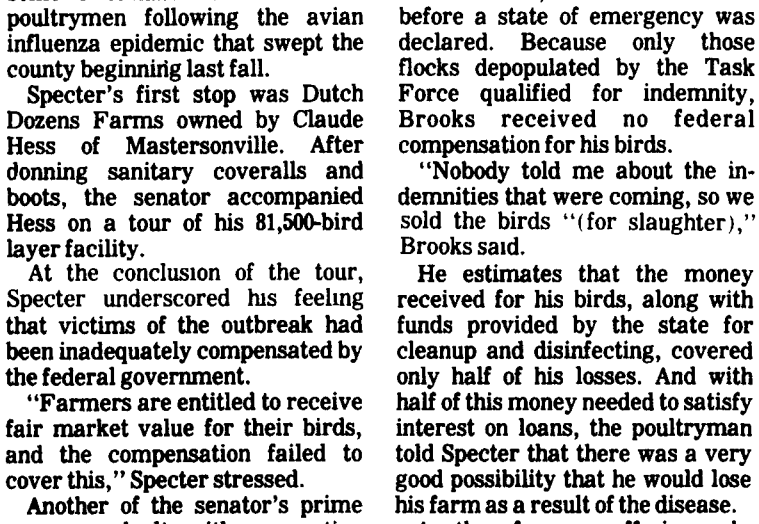
Claude Hess calculates that having his layer house empty this winter cost him $250,000.

U.S. Senator Arlen Specter confers with Lancaster County poultrymen at the Mastersonville firehall during Monday's meeting on avian influenza.

With the depopulation of a Lancaster County layer flock yesterday, the Task Force has only one remaining flock to eliminate in its latest campaign against flocks showing positive serology, or those birds having avian flu antibodies in their blood.

To date, 2,183,261 birds with positive serology have been killed, bringing the total avian flu toll in Pennsylvania to over 16 million birds. The depopulation has involved 410 premises, 217 of which have repopulated.

According to Pennsylvania Poultry Federation spokesman Tim Allwein, USDA has promised that any delays involved with the depopulation of the last serologically positive flock (located in Berks County) will not delay lifting the quarantine. Allwein said USDA hopes to complete cleanup and disinfecting by August 31, with lifting of the quarantine projected for late September or early October.



James C. Frampton, vice president of the Eastern Shore Threshermen & Collectors Assoc., Inc. is shown with his 10-20 McCormick-Deering tractor pulling the wheat thresher - a feature of the 24th annual Wheat Threshing, Steam and Gas Engine Show on Aug. 3-5.

Threshermen to gather

FREDERALSBURG, Md. — Now in its 24th year, the Eastern Shore Threshermen and Collectors Association, Inc. is expecting thousands of people during their three day event to be held next Friday through Sunday.

Already vans, campers and cars are arriving and by show time the grounds will look like a city of trailers and automobiles, awaiting the collection of antique farm machinery, the "good old time entertainment," and a warm reunion with friends

The association has members from 20 states and over 100 "merchants" show up annually to display their wares at the Flea Market.

Besides the main attraction of the Wheat Threshing, there will be demonstrations of a rock cursher; saw mill; shingle mill; straw baling with a hand fed, wire tie machine and train rides on "Smokey Joe," a miniature steam train.

Steam and gas engines, real and homemade models, will be displayed from members' collections from as far away as Florida and Massachusetts.

The show grounds are located on Route 313 between Denton and Federalsburg, Md. The admission, and parking are free. Plenty of good food is available.

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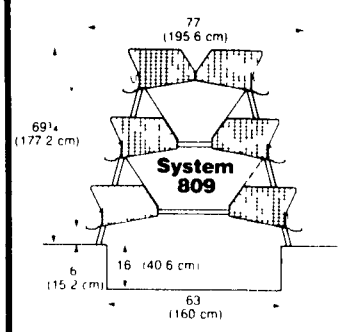

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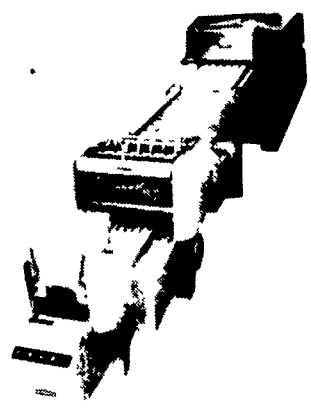

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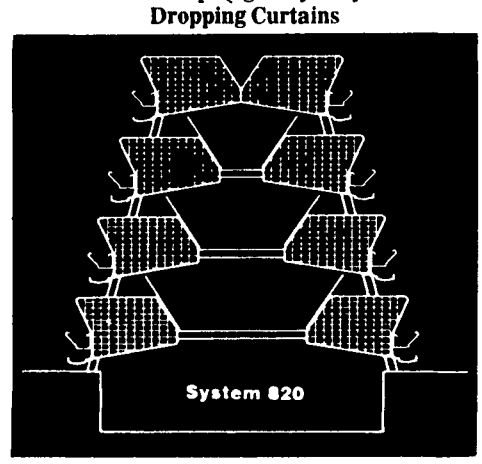

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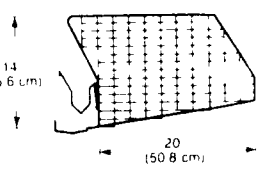

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Planning ahead

(Continued from Page A20)

helps to keep cash flow on hand, when needed.

"I don't want to play games," he explained. "I want to manage the cash flow so I don't have to sell 20 animals to get cash."

The cash flow from the Myer's dairy farm provides a living for not only the Myer family, but also for the families of seven hired hands. This number of "hands" manages the 1,000-acre, 370-head Holstein operation which Harold and Susan took over in 1978.

The Myer couple bought the farm from Harold's father, William, on an eight-year installment contract. It was a two-part arrangement - purchasing the land while leasing the cattle and facilties.

At the time of the purchase, Harold was looking forward to working and managing the farm with his father. That changed 10 months later, however, when the elder Myer died. It was then, Harold said, that he got a lesson in finances.

"I got a terrific education in that one year that I could ever get," he said.

That education meant learning to deal with finances to keep the operation rolling. It also meant learning to deal with problems as well as triumphs.

"You need to go through a struggle period to become successful," Harold said. "You also need to surround yourself with successful people."

With that, Harold added that any one of his employees could be a fulltime farmer. He also included in his list of successful people other farmers whom he sought out for advice and trained agriculture people with specialized interests.

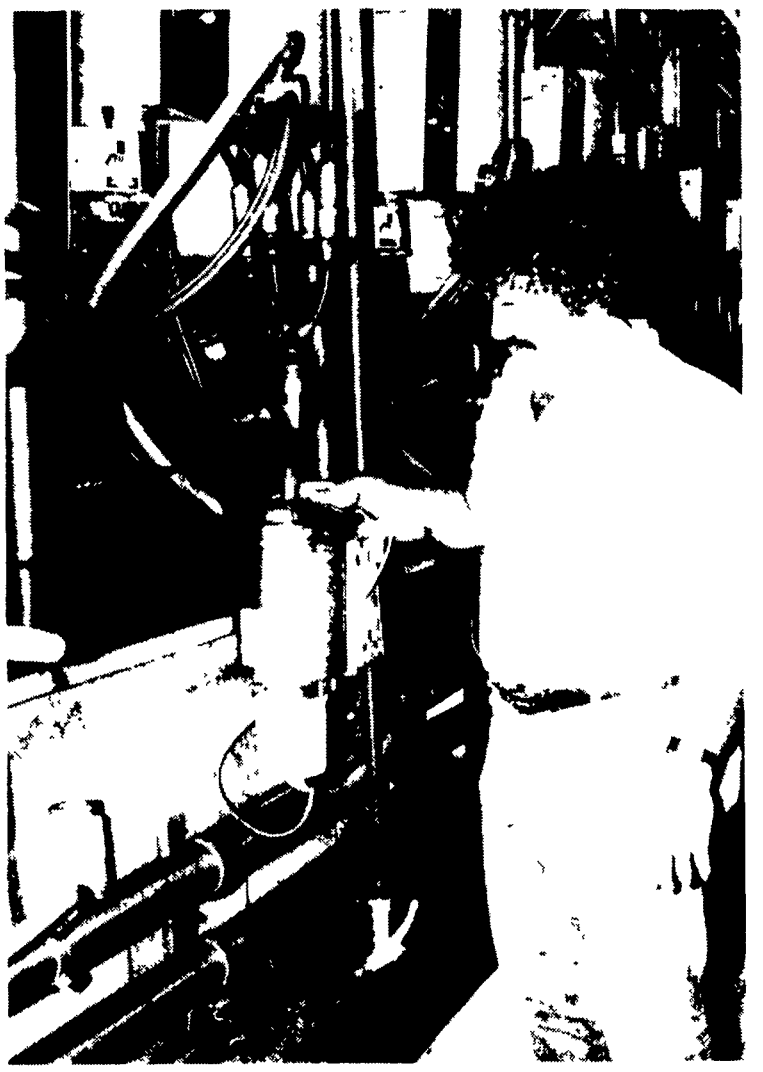
These people and Harold's ingenuity have lead the Myer farm operation to where it is today. As a thinker and a planner, Harold looks to the future. No decision is made without consideration on its future impact.

This is seen in the new milking facilty Harold built two years ago. Housing a double-eight milking parlor, the barn was designed for future expansion possibilities, such as a second double-eight parlor.

Harold is also considering the expansion of his calf barn, the installation of an automatic cow identification program and a flushing system which uses recycled water for his milking parlor holding area. All of these ideas can be incorporated into the present facilities with little modification.

To meet these future plans and goals is why Harold places a strong emphasis on money management, which is something farmers need to learn to stay in the business, he said.

"The 1960's and 1970's were years of production management," Harold said. "The 1980's are years of financial management."



Harold Myer, Myerstown, checks out one of his DHIA-approved milk testing meters.

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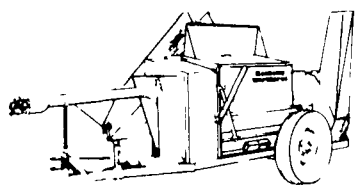

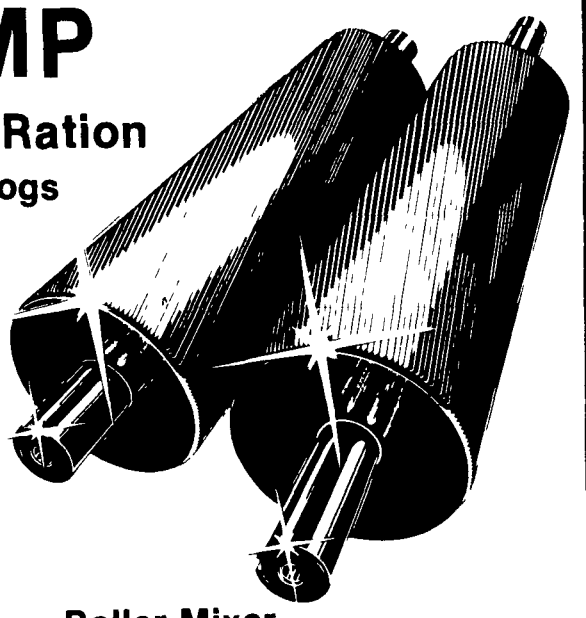

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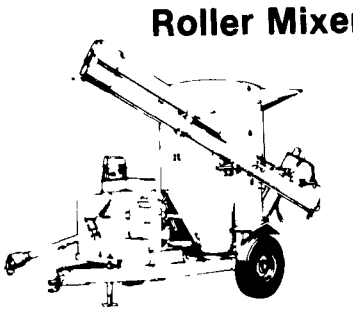

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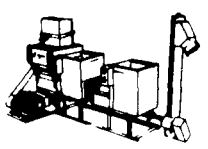

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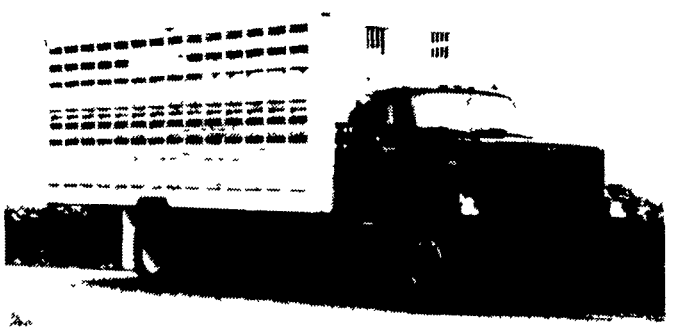

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Del. State Fair lists dairy champs

(Continued from Page A1)

In bull competition, Torbert Transmitter Hap, owned by Torbert Farms, was named junior champion. Sired by Tidyburke Transmitter, Hap was born November, 1983.

With the Holstein show in progress, owners of Ayrshires, Guernseys and Jerseys competed for top honors under the same roof. The grand champion Ayrshire was Rockland Jack's Velvet, a February, 1976 daughter of Toll Gate Choice Jack owned and exhibited by Laurie Anne Moore of Bear. Velvet was the runaway favorite among Ayrshire entries, placing first among aged cows and taking best udder, as well. This is her fourth year as grand champion at the Delaware show.

The Moore family continued their winning ways, garnering reserve grand champion honors also. This winning entry was Rockland H. Virginia, an October, 1981 Del Acres Harvey daughter exhibited by Laurie's sister, Leslie Jane Moore.

A four-year-old named Steve's Winston Choice Chris was named grand champion Guernsey. Owned by Ethyl May Shorts, Chris was also the show's senior champion. At reserve grand champion was U of D Jolly Bonnie, shown by the University of Delaware. Bonnie was also the reserve senior champion.

Franken Bright Spot Millie, shown by Spring Valley Farm, was named grand champion Jersey. The four-year-old is a daughter of Meadow Lawn Bright Spot. William C. Eliason's three-year-old, Kalmar Soldiers Nora, took reserve honors. The two top winners were also awarded senior champion and reserve honors, respectively.

The junior show, staged on Tuesday, posted the following results:

Grand champion Holstein - Martha Phipps, Wilmington.

Reserve grand - Mark Phipps, Wilmington

Grand champion Ayrshire - Laura Moore, Bear

Reserve grand - Leslie Moore, Bear

Grand champion Jersey - Billy Baker, Felton

Junior Fitting (13 and under): 1. Danna Vanderwende, Greenwood 2. Breck Vanderwende 3. Amy Hopkins, Lewes.

Junior showmanship: 1. George Dixon, Clayton 2. Shawn Cook, Kenton 3. John Green, Middletown.

Senior fitting (14-18): 1. Laura Phipps, Wilmington 2. Laura Moore, Bear 3. Cheryl Warren, Kenton.

Senior showmanship: 1.Cheryl Warren, Kenton 2.Dale Cook, Kenton 3.Laura Moore, Bear.

Judging this year's show was retired extension agent John Morris, of Frederick Maryland.

Delaware Holstein Show
Show Results
Bull Calf
1 H W Cook 2 Hayland Farm
Yearling Bull
1 Tolbert Farms 2 R Wayne Collison
Junior Champion Bull
Tolbert Farms
Junior Heifer Calf
1 Norman Voss Jr 2 Amy Hopkins 3 Phyllis D & N Levis Phipps Jr
Intermediate Heifer Calf
1 Deborah Vanderwende 2 Wayne Pierson 3 Julia Green
Senior Heifer Calf
1 Wayne Pierson 2 George Dixon 3 Cheryl Warren
Junior Yearling Heifer
1 Laura Phipps 2 Hayland Farm 3 Samuel Dixon IV
Senior Yearling Heifer
1 Norman Voss Jr 2 Cain View Farm 3 Phillis D & N Levis Phipps
Junior Champion Female
Norman Voss Jr
Reserve Jr Champion Female
Deborah Vanderwende
Jr Get Of Sire
1 Hayland Farms 2 Samuel Dixon Jr and Sons
Young Herd
1 Samuel Dixon Jr and Sons 2 Norman Voss Jr 3 Hayland Farms
2 Year Old
1 Cain View Farm 2 Mark Cain 3 Cain View Farm
3 Year Old Cow
1 Norman Voss Jr 2 Hayland Farm 3 Oscar & Karen Melvin
4 Year Old Cow
1 Samuel Dixon Jr and Sons 2 Laura Phipps
Aged Cow
1 Cain View Farm 2 Norman Voss Jr 3 Hall Torbert
Dry Cow
1 Cain View Farm 2 Norman Voss Jr 3 Mark Phipps
Senior Champion Female
Cain View Farm
Reserve Sr Champion Female
Cain View Farm
Grand Champion Female
Cain View Farm
Reserve Grand Champion Female
Cain View Farm
Produce of Dam
1 Cain View Farm
Dam and Daughter
1 Samuel Dixon Jr and Sons
Best Three Females
1 Cain View Farm

Grand Champion Holstein female at the Delaware State Fair was Cain-View Valiant Rose. Owned by Cain-View Farm of Harrington, Rose also went home with senior champion and best udder honors. Shown with exhibitor Billy Joe Heath is Delaware Dairy Princess Mary Lou Parry.

Delaware Ayrshire Show
Show Results
Bull Calf
1 Charles Caffinch 2 Joe Bell 3 Laurie Ann Moore
Junior Champion Bull
Charles Chaffinch
Junior Heifer Calf
1 Laurie Ann Moore 2 Mrs Charles Hudson 3 Douglas John Neal
Intermediate Heifer Calf
1 Laurie Anne Moore
Senior Heifer Calf
1 Laurie Anne Moore 2 Leslie Jane Moore
Junior Yearling Heifer
1 Laurie Anne Moore 2 Leslie Jane Moore 3 Leslie Jane Moore
Senior Yearling Heifer
1 Laurie Anne Moore 2 University of Delaware 3 Leslie Jane Moore
Junior Champion Female
Laurie Anne Moore
Reserve Jr Champion Female
Laurie Anne Moore
Jr Get Of Sire
1 Laurie Anne Moore 2 Leslie Jane Moore
Young Herd
1 Laurie Anne Moore 2 Leslie Jane Moore
Sr 2 Year Old
1 Laurie Anne Moore 2 Laurie Anne Moore 3 Brandy Baker & Sassy Acres
3 Year Old Cow
1 Leslie Jane Moore 2 Laurie Anne Moore 3 Leslie Jane Moore
4 Year Old Cow
1 Laurie Anne Moore
Aged Cow
1 Laurie Anne Moore
Dry Cow
1 Laurie Anne Moore 2 University of Delaware 3 University of Delaware
Senior Champion Female
Laurie Anne Moore
Reserve Sr Champion Female
Laurie Anne Moore
Grand Champion Female
Laurie Anne Moore
Reserve Grand Champion Female
Laurie Anne Moore
Produce of Dam
1 Leslie Jane Moore 2 Laurie Anne Moore 3 University of Delaware
Dam and Daughter
1 Laurie Anne Moore 2 G Robert Moore 3 Leslie Jane Moore
Best Three Females
1 Laurie Anne Moore 2 University of Delaware 3 Leslie Jane Moore
Dairy Herd
1 Laurie Anne Moore 2 Leslie Jane Moore

Steve's Winston Choice Chris is Delaware's reigning grand champion Guernsey. Owned by Ethel May Shorts, Chris was also senior champion female. Presenting the trophy to Warren Shorts is Lloyd Simmons.

Laurie Ann Moore is proud of her grand champion Ayrshire. Rockland Jack's Velvet also took best udder.

Delaware Gurensey Show
Show Results
Yearling Bull
1 Bonnie & Barbara McClements
Junior Champion Bull
Bonnie & Barbara McClements
Junior Heifer Calf
1 Bonnie & Barbara McClements
Intermediate Heifer Calf
1 Bonnie & Barbara McClements
Senior Heifer Calf
1 University of Delaware 2 Bonnie & Barbara McClements
Junior Yearling Heifer
1 University of Delaware 2 Cathy Vogel 3 Bonnie & Barbara McClements
Senior Yearling Heifer
1 University of Delaware 2 Bonnie & Barbara McClements 3 Bonnie & Barbara McClements
Junior Champion Female
University of Delaware
Reserve Jr Champion Female
Bonnie & Barbara McClements
Jr Get of Sire
1 Bonnie & Barbara McClements
2 Year Old
1 University of Delaware 2 Elaine Shorts 3 Warren Shorts
3 Year Old Cow
1 University of Delaware
4 Year Old Cow
1 Ethel May Shorts 2 Ernest Vogel Jr
Aged Cow
1 Elaine Shorts 2 Warren Shorts 3 Bonnie & Barbara McClements
Dry Cow
1 University of Delaware 2 University of Delaware 3 Warren Shorts
Senior Champion Female
Ethel Shorts
Reserve Sr Champion Female
University of Delaware
Grand Champion Female
Ethel Shorts
Reserve Grand Champion Female
University of Delaware
Udder Class
1 Ethel Shorts 2 University of Delaware 3 Elaine Shorts

Spring Valley Farm's entry was named grand champion Jersey. Their four-year-old named Franken Bright Spot Milly was sired by Meadow Lawn Bright Spot. Shown with exhibitor Wayne Stiles is Carroll County Dairy Princess Susie Heath.

Produce of Dam
1 Bonnie & Barbara McClements 2 Ernest Vogel Jr
Dam and Daughter
1 University of Delaware 2 University of Delaware 3 Bonnie & Barbara McClements
Best Three Females
1 University of Delaware 2 Bonnie & Barbara McClements
Dairy Herd
1 Univeristy of Delaware

Delaware Jersey Show
Show Results
Bull Calf
1 Bona Kling Farm
Junior Champion Bull
Bona Kling Farm
Junior Heifer Calf
1 Spring Valley Farm 2 Bona Kling Farm 3 Thomas Eliason
Intermediate Heifer Calf
1 Spring Valley Farm 2 William Eliason 3 Bona Kling Farm
Senior Heifer Calf
1 Spring Valley Farm 2 William Eliason 3 William Eliason
Junior Yearling Heifer
1 Spring Valley Farm 2 Scott Stanford 3 Spring Valley Farm
Senior Yearling Farm
1 Bona Kling Farm 2 William Eliason 3 Spring Valley Farm
Junior Champion Female
Spring Valley Farm
Reserve Jr Champion Female
Scott Stanford
Jr Get-Of Sire
1 Spring Valley Farm 2 Bona Kling Farm
Young Herd
1 Spring Valley Farm 2 William Eliason 3 Bona Kling Farm
2 Year Old
1 Bona Kling Farm 2 Billy Baker 3 Bona Kling Farm
3 Year Old Cow
1 William Eliason 2 William Eliason 3 Thomas Eliason
4 Year Old Cow
1 Spring Valley Farm 2 William Eliason
Aged Cow
1 Spring Valley Farm 2 Bona Kling Farm
Dry Cow
1 Spring Valley Farm 2 Bona Kling Farm
Senior Champion Female
Spring Valley Farm
Reserve Sr Champion Female
William Eliason
Grand Champion Female
Spring Valley Farm
Reserve Grand Champion Female
William Eliason
Udder Class
1 Spring Valley Farm 2 William Eliason 3 Spring Valley Farm
Produce of Dam
1 Bona Kling Farm 2 William Eliason
Dam and Daughter
1 Spring Valley Farm 2 William Eliason 3 Bona Kling Farm
Best Three Females
1 William Eliason 2 Spring Valley Farm 3 Bona Kling Farm
Dairy Herd
1 William Eliason 2 Bona Kling Farm

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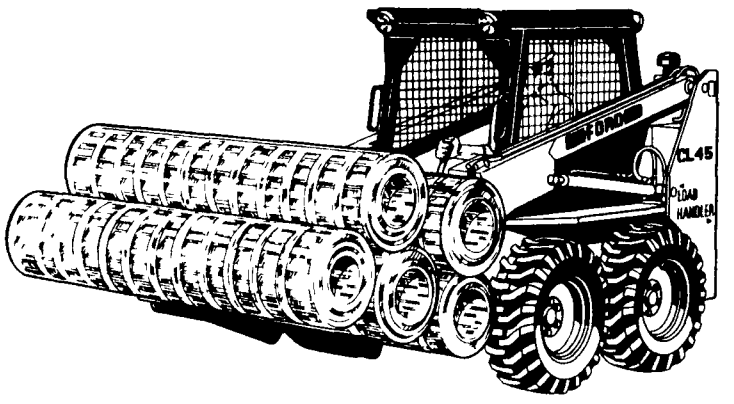

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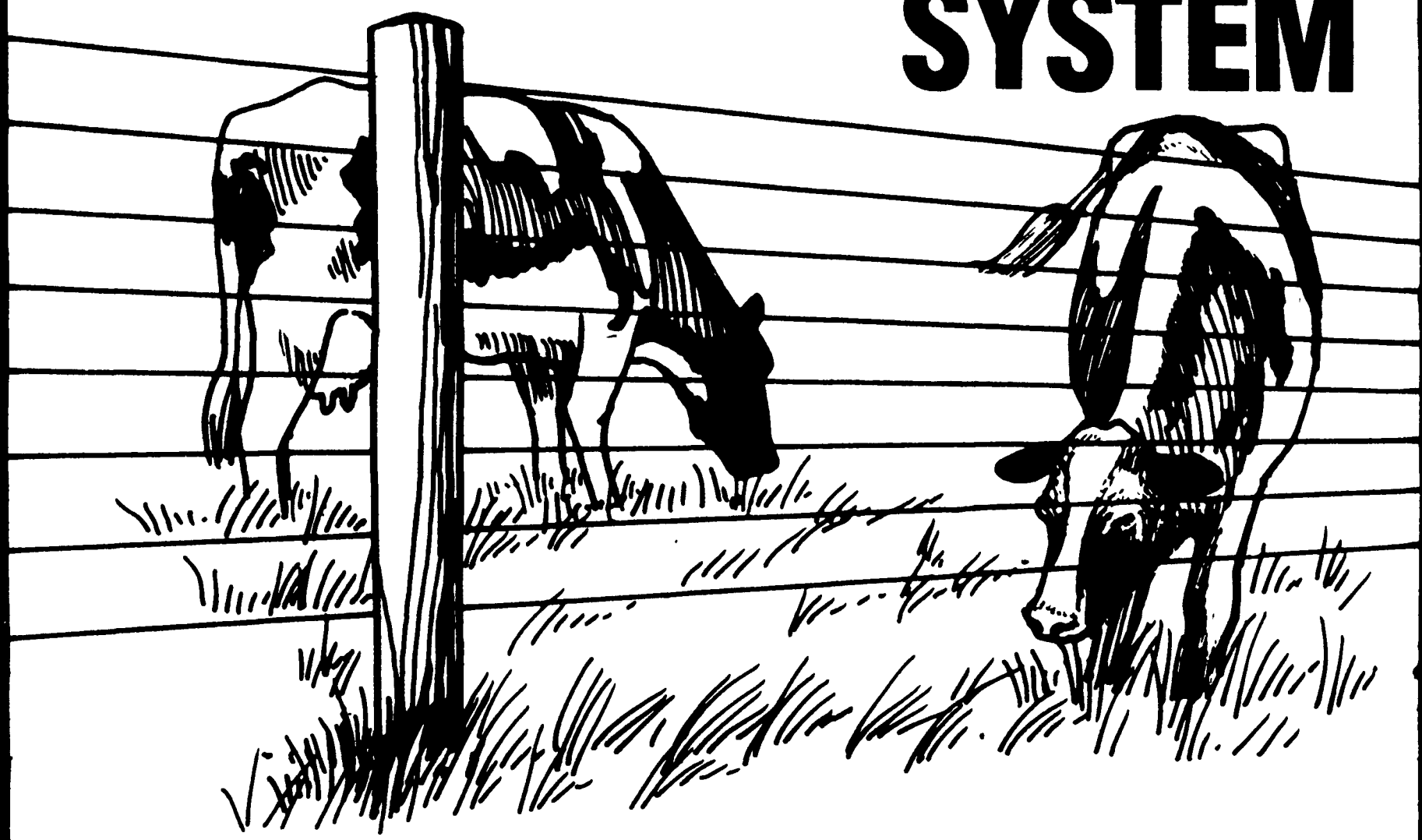

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York 4-H roundup & Holstein winners named

(Continued from Page A1)

Patches, of Jed and Susan Beshore took the reserve grand championship of the York Holstein Show. Hubbard is their nephew.

Both the grand and reserve hail from Kutztown in Berks County. The grand champion was bred by the syndicate trio of Dr. David Hagen, Robert "Whitey" McKown and Ray Seidel. The reserve was bred by Douglas M. Seidel. The sire of both is Creek Bluff Elevation Lester.

Other top winners in the York County Holstein Show and the County 4-H Roundup include.

Tom Boyer, of Sunnybend Farm had the Holstein Junior Champion in the county show and the reserve was shown by Jim McCaffree, of Gallantry Holsteins.

Both the Premier Exhibitor and Breeder banners went to the Paul King family of Kingway Farm.

In the 4-H Roundup, the Holstein breed reserve grand championship went to Bridgette Boyer, of Sunnybend. The junior champion was shown by Bridgette and the reserve junior champion by sister Jenelle.

Other top breed winners in the roundup:

Guernsey – Chad Rutter, grad champion and Kim Thomas, reserve.

Brown Swiss – Mike Welsh swept both.

Jersey – Sue Eisenhart took the grand championship and Paul Rauhauser the reserve.

Results include:

York County Holstein Show Results

Junior Heifer Calf
1 Donna Doll (4 H) 2 Lesley King (4 H) 3 Kelly Morris (4 H)

Intermediate Heifer Calf
1 Bridgette Boyer (4 H) 2 Coredale Farm 3 Kingway Holsteins

Senior Heifer Calf
1 John & Helen Cope Jim & Helen McCaffree 2 Coredale Farm 3 Dar Dale Farm

Junior Yearling Heifer
1 Sunnybend Farm 2 Shannon Doll (4 H) 3 June Boyer & John Haar

Intermediate Yearling
1 Kingway Holsteins 2 Sunnybend Farm 3 Coredale Farm

Senior Yearling Heifer
1 Sunnybend Farm 2 Sunnybend Farm 3 Troy Smith (4 H)

Junior Champion Female
Sunnybend Farm

Reserve Jr Champion Female
John & Helen Cope
Jim & Holly McCaffree

Jr 2 Year Old
1 Kingway Holsteins 2 Patty Bupp 3 Dar Dale Farm

Sr 2 Year Old
1 Sunnybend Farm 2 Dar Dale Farm 3 Fawn Meadow Holsteins

3 Year Old Cow
1 C E Hubbard III (4 H) 2 Kingway Holsteins 3 C E Hubbard (FFA)

4 Year Old Cow
1 Jed & Susan Beshore 2 Coredale Farm 3 Bupplynn Farms

4-Year-Old & Under Dry Cow
1 Kingway Holsteins 2 Fawn Meadow Holsteins 3 Bupplynn Farms

5-Year-Old & Older Dry Cow
1 Bupplynn Farms 2 Bupplynn Farms

6-Year Old & Over Cow
1 Jed & Susan Beshore 2 David King 3 Kingway Farm

Senior Champion Female
C E Hubbard III

Reserve Sr Champion Female
Jed & Susan Beshore

Grand Champion Female
C E Hubbard III

Reserve Grand Champion Female
Jed & Susan Beshore

Produce of Dam
1 Bridgette Boyer 2 Fawn Meadow Holsteins 3 Dar Dale Farm

Dam and Daughter
1 Kingway Holsteins 2 Sunnybend Farm

Best Three Females
1 Kingway Holsteins 2 Coredale Farm 3 Bupplynn Farm

Premier Breeder
Kingway Farm

Premier Exhibitor
Kingway Farm

4-H results

Holstein Division Show Results

Junior Heifer Calf
1 Richard Bupp 2 Jasin Doll 3 Kelly Morris

Intermediate Heifer Calf
1 Bridgette Boyer 2 Patricia Bupp 3 Angie Shoemaker

Senior Heifer Calf
1 Kelly Kilgore 2 Dana Doll 3 Diane Lang

Junior Yearling Heifer
1 Jenelle Boyer 2 Shannon Doll 3 Toby Smith

Senior Yearling Heifer
1 Troy Smith 2 Downa Doll 3 Kelly Krebs

Junior Champion Female
Bridgette Boyer

Reserve Jr Champion Female
Jenelle Boyer

Jr 2 Year Old
1 Bridgette Boyer 2 Jenelle Boyer 3 Dana Doll

Sr 2 Year Old
1 Bridgette Boyer

3 Year Old Cow
1 C E Hubbard III 2 Michael Krebs

4-Year-Old Cow
1 Patricia Bupp 2 Kelly Krebs

Aged Cow
1 Lesley King 2 Dana Doll

Senior Champion Female
C E Hubbard III

(Turn to Page A36)

She's a dairy doll

Daphne Doll, whose appearance and size were authentically representative of her name, maneuvers her calf through the Kiddie Class at the York Holstein Show. Think it's easy — when even the calf is bigger than you are. Of course, just out of camera range, is mom giving words of advice and a helping hand when the bovine youngster gets balky.

C.E. Hubbard III, right, earned the grand championship award in Holstein Division of York 4-H Roundup. Reserve senior and reserve grand was Bridgette Boyer, who also had junior champion with heifer held by York Dairy Princess Judy Perry. Jennelle Boyer was reserve junior champion.

Veteran 4-H exhibitor Mike Welsh is sandwiched between his grand and reserve Brown Swiss entries.

Premier Breeders and Exhibitors with Judge Jim Shaw are, from the left, Lesley, Kathy and Paul King.

Winners in the Kiddie Class at York include seven-year-olds Jackie Duncan, right, and Jennifer Thompson, who receive congratulations from Pa. Holstein Assn. junior director Diane Bliss.

Alternate York Dairy Princess Kelly Kilgore stands with Tom Boyer and junior champion of York Holstein Show and Jim McCaffree, reserve champion.

Jersey grand championship at York 4-H Roundup went to Sue Eisenhart and reserve to Paul Rauhauser.

Winterthur plans farm exhibit

WINTERTHUR, Del. — This fall, Winterthur in Odessa and the College of Urban Affairs of the University of Delaware will present a program: Recording the Delaware Farm: Agricultural Buildings in Southern New Castle County.

The exhibition and accompanying lecture series will provide a rare opportunity for Delawareans and visitors to consider an important and often overlooked part of local landscape — the farm.

Over 110 items, including many original photographs, measured drawings, field notes, and sketches by Bernard L. Herman and David L. Ames, will be included in the exhibition. Both of the University of Delaware, Herman is assistant director of architecture at the Mid-Atlantic Regional Center for Historic American Architecture and Engineering and Ames is dean of the College or Urban Affairs. Both have been instrumental in documenting Delaware's agricultural heritage.

Greenlawn Stable in Middletown, Del. is among farm buildings included in special exhibit upcoming at Winterthur in Odessa, Del.

Works in the exhibition illustrate the agricultural and social history of middle Delaware through architecture. Buildings pictured are placed in historic context and presented as essential documents for understanding rural delaware. The exhibition displays a full range of agricultural building types, while demonstrating the process of photographic documentation of architecture. One farm site, "Woodlawn," will be examined in detail, exploring the farm family as it lives and works.

In addition to site surveys and photographs by Herman and Ames, Recording the Delaware Farm will include a small group of three-dimensional objects from Winterthur Museum, the University of Delaware, and two private collectors.

Carriage house at Woodlaw, Middletown, Del. will be featured in farm exhibit planned at Winterthur in Odessa.

Recording the Delaware Farm: Agricultural Buildings in Southern New Castle County is supported in part by a grant from the Delaware Humanities Forum. The exhibition will be on view Tuesday through Saturday, 10 a.m. to 4:30 p.m., and Sunday 1 p.m. to 4:30 p.m., Sept. 8 through Nov. 11. The exhibition will be presented in the Brick Hotel Gallery in Odessa. Admission is free to Delaware residents.

For more information, contact Winterthur in Odessa at (302) 378-2681. Winterthur in Odessa is located in Odessa, Delaware, halfway between Wilmington and Dover on Route 13.

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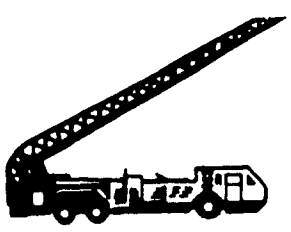

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Seed spitting contest set on Aug. 6

WILMINGTON, Del. — Nationally sanctioned watermelon seed spitting is coming to Wilmington!

Monday, Aug. 6, has been proclaimed Watermelon Day in Wilmington as the MarDel Watermelon Association and the Delaware Department of Agriculture converge on the 700 block of Market Street Mall.

20-year-old Teresa Walton of Columbia, S.C., the 1984 National Watermelon Queen and Corinne Burgess, 21, of Salisbury, MD., MarDel Watermelon Queen will be passing out free slices of Delaware grown watermelon to passersby from 11 a.m. to 2 p.m.

At 12:45 p.m. both queens will demonstrate the fine art of watermelon seed spitting and a contest featuring local celebrities will follow.

National Watermelon Association rules will be adhered to for the contest, which was won last year by Lt. Governor Michael Castle.

For instance, no one may use their own seed. If a person accidentally swallows their seed prior to launch, they are issued a new one. And, denture wearers whose teeth go farther than their seed will abide by the judges decision.

After the celebrity division, the contest will be opened to the public with the winner receiving a large Delaware watermelon.

Watermelons are a valuable crop in Delaware, accounting for over 1000 acres. Since most are grown in Sussex County, the growers association decided to let New Castle County residents sample their product on a hot August afternoon.

Last year's Watermelon Day in Wilmington attracted hundreds of people so the Association decided to make it an annual event.

Free slices of watermelon, stickers, and recipe information will be available from 11 a.m. until 2 a.m. in front of Leo & Jimmy's Deli on the Market Street Mall.

Walter Melon, the MarDel Watermelon Association's new 7 foot tall mascot, will also make an appearance for the children.

Smokey Hill sale averages $1305 in Troy

BY ROBIN PHILLIPS
Staff Correspondent

Troy — When most cattle sales are falling short of the $1000.00 average mark, the Smokey Hill Production Sale proved that "good cows still bring good prices."

Held on Saturday, July 14, at the Troy Fairgrounds, Troy, the 58 cows and bred heifers of the Roy Watson herd averaged $1305.00 from buyers from New York and Pennsylvania. This major herd reduction by Roy Watson, Troy, helped him recoup from a lost milk market and enabled him to donate substantial funds to the Pennsylvania Jersey Cattle Club.

At the direction of Watson, the sale was managed by the state organization who received a 15% sales commission from each animal. After expenses were paid, the remaining funds are to help to finance the 1985 annual meeting of the American Jersey Cattle Club which will be hosted by the state club in Lancaster next June.

High selling animal of the day was Smokey Hill Saint Moe. This VG-86, three-year-old brought $3000.00 on the bid from Craig and Terry Rhein, Pine Grove. "Moe" is due to freshen in late August to Mayfield Volunteer Bruce. She had to her credit over 13,000 pounds milk as a two-year-old and boasts a high testing "Quicksilver" dam and a Hall of Fame, "Generator" granddam.

Craig Rhein, president of the Pennsylvania Jersey Cattle Club and acting sale chairman for this sale, farms with his brother, Terry, on his mother's, Meadow View Farm. With an increased demand for the high testing Jersey milk on their farm, the Rhein's bid to take nine head back to Pine Grove.

Second high selling animal brought $2500.00 on the bid of John D. Judson, Columbia Cross Roads. A Favorite Saint two-year-old, Smokey Hill Saint Mattie, is projected to 12,434 M, with a 5.5% test. Her dam has tests to 6.9% and is scored "excellent." Judson was the volume buyer of the sale, taking home 16 head of Smokey Hill stock.

Third high selling animal went to Craig and Terry Rhein for $2400.00. Their purchase was a Milestones Generator out of a favorite Secret Triumph, due in January to the high PD bull of the breed, Quicksilvers Magic of Ogston.

Three more animals surpassed the $2000.00 mark as auctioneer, Merlin Woodruff, cried the sale.

Officers and directors of the Pennsylvania Jersey Cattle Club were pleased with the successful sale average and appreciated the generosity of Watson. They were also pleased with the participation of the junior club and the sale committee who worked with the cows the week before the sale and prepared them for the ring.

The high selling animal of the Smokey Hill Production sale was Smokey Hill Saint Moe purchased by Craig and Terry Rhein. Left to right are; Roy Watson, seller; Carol Dreisbach, 1984 Jersey Queen; Lori Sollenberger, at halter; Carmen, Brian and Craig Rhein, representing the buyers.

Del. to classify Canada Thistle noxious

DOVER, Del. — The Delaware Department of Agriculture is taking steps to classify Canada Thistle as a Noxious Weed and a threat to Delaware agriculture making it illegal to allow the weed to grow in the state.

Since 1915, an outdated law has allowed the state to fine landowners $5.00 for having Canada Thistle. That law was removed from the books last week as Govenor duPont signed SB493 into law.

Since then the Delaware Department of Agriculture has opened the public comment period on placing the fast spreading weed on the Noxious Weed list. Written comments are being accepted through August 10.

The State Weed Advisory Committee will review the public comment and advise the Secretary of Agriculture of their findings. He is then empowered to designate Canada Thistle a Noxious Weed in Delaware.

Terry D. Van Horn, Noxious Weed Specialist with the State Department of Agriculture, says the farming community generally agrees that Canada Thistle is a threat to agriculture and needs to be controlled.

"Unfortunately, this weed is expensive and hard to kill and it spreads rapidly. It blooms in late June or early July forming a puffy seed head. Those seeds become airborne and the problem is spread to other areas. It also has a very tough underground root system," said Van Horn.

There are herbicides labeled to control Canada Thistle, according to Van Horn, adding the Department of Agriculture will help landowners design an eradication program.

Public comment on placing Canada Thistle on the Noxious Weed list should be directed to: Terry Van Horn, Delaware Department of Agriculture, Drawer D, Dover, DE 19903.

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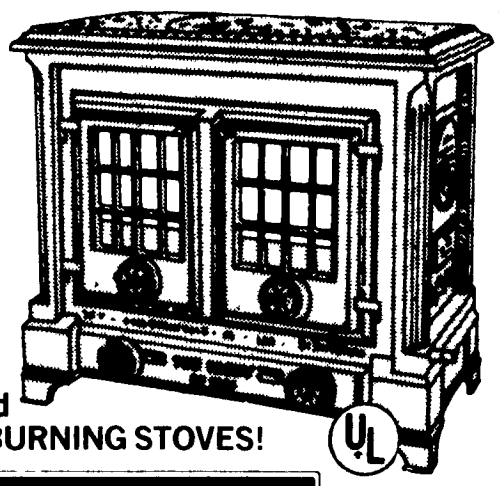

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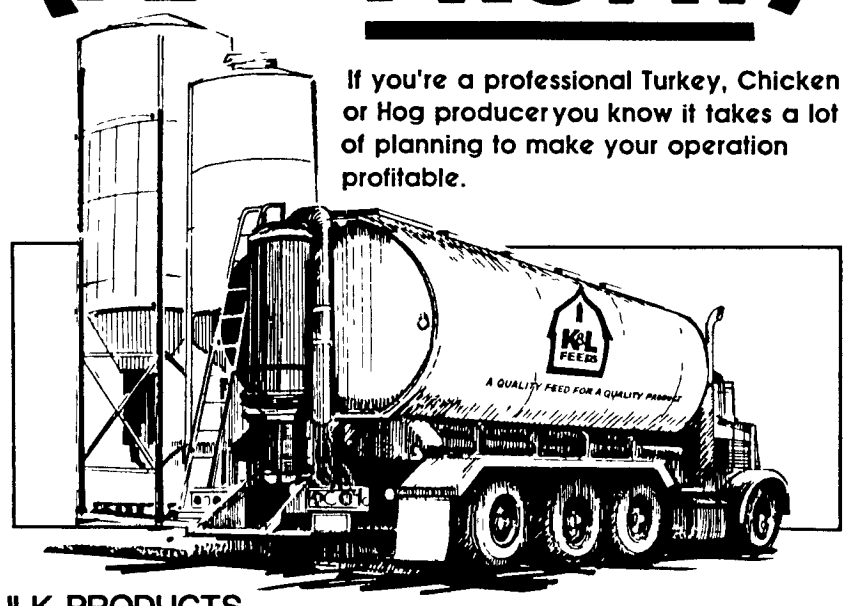

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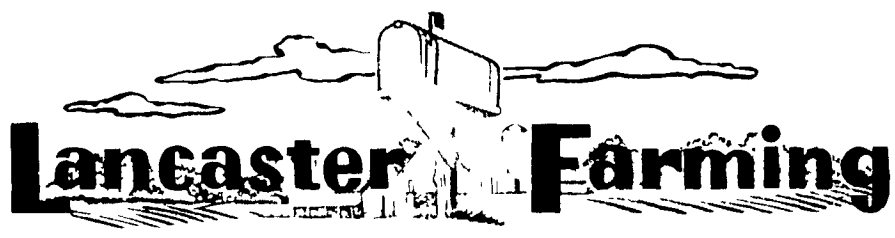

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PFA testifies in favor of prompt milk payments

WASHINGTON, D.C. — Two Pennsylvania farmers on Thursday testified here in favor of national legislation (H.R. 5037) to place farmers in a more favorable position to receive monies in case of bankruptcies of wholesale milk buyers.

The legislation being considered is the Milk Producers Prompt Payment Act of 1984, sponsored by Congressman Joseph M. McDade (R-Dist. 10) and eight other Pennsylvania congressmen. The bill, if enacted, would shorten the time payment period from 50 days to 24 hours for buyers to pay farmers and establish a statutory trust to give dairy farmers better access to available funds in a bankruptcy situation.

D. Eugene Gayman, vice president of the Pennsylvania Farmers' Association (PFA), and Andrew Dewing, a Bradford County dairyman, testified to consider the legislation at a hearing before the subcommittee on Livestock, Dairy and Poultry of the Agriculture Committee.

Gayman told the committee that dairy producers in Pennsylvania have "unpaid claims of $7.5 million since 1982" from the business failures of wholesale milk buyers.

"Some claims will be satisfied through milk security and bankruptcy proceedings," the farm leader said, but "many claims will go unsatisfied" at great loss to the individual farmer.

He explained that when some monies are paid to producers it's not safe to pay bills with it. Firms that file bankruptcy sometimes require the bankruptcy trustee to lay claim to those funds already received by the farmer.

"The money received by producers will have already been expended to meet these producers own debt obligations," Gayman said. In these cases, many farmers are forced to borrow money to pay the trustee.

"Creation of a statutory trust for milk producers," Gayman said, "is the best legal avenue in guaranteeing milk producers prompt payment for their goods.

"We applaud and support the intent...to secure compensation for dairy farmers supplying milk to wholesale purchasers," he told the committee.

Andrew Dewing and his father, Max, operate a dairy farm in partnership near Warren Center. That partnership is included in the more than 300 dairy farmers who suffered severe financial loss because of the bankruptcy filed by Scheps Cheese Company. The Dewings, depending on the outcome of court proceedings and payment by the Pennsylvania Milk Security Fund, could stand to lose more than $22,000.

In his testimony, Dewing strongly supported the shortening of the time period by which farmers must be paid for their milk by the wholesale buyer. He told the committee that buyers of milk in Pennsylvania presently have up to 50 days in which to pay farmers after milk is delivered.

He further explained that it was difficult for farmers "to accurately judge the financial health of the company to which they sell their product." In the case of Scheps, dairymen supplying milk were "caught off guard."

Because farmers are "unsecured creditors" under federal bankruptcy law, "many farmers believe that the only hope of recouping money lost is to keep the defaulting business in operation," Dewing stated.

He cited the nature of his product...perishable milk...as a liability in finding an alternate buyer, which are few in number. Another stumbling block in finding another buyer is the Pennsylvania law requiring the farmer to give his present buyer a 30-day notice of termination.

"We started to look for a new market soon after the cheese plant began making late payments," Dewing said. "By July 1, we had located a willing buyer for our production but were obligated to continue shipping milk to the Scheps Cheese Company for another month."

The Bradford County farmer explained that farming requires a constant cash flow to meet its financial obligations.

A month's worth of milk production is equal to a quarter of the average Pennsylvania dairy farmer's annual profit," he said. "A dairyman must work three months without income for personal costs of living to compensate for losses resulting from nonpayment of one month's milk."

Other Pennsylvania congressmen who are cosponsoring the proposed legislation are: William F. Clinger, Robert W. Edgar, George W. Gekas, William F. Goodling, Joseph P. Kolter, John P. Murtha, E.G. (Bud) Shuster and Robert S. Walker.

PFA is a general farm organization with more than 22,800 family members. It's affiliated with the American Farm Bureau Federation, the nation's largest general farm group.

Layton gets Extension post

GEORGETOWN, Del. — Glenn Layton, a much-honored former Delaware vocational agriculture teacher, has joined the Delaware Cooperative Extension Service as a Sussex County agricultural agent. He will work for Delaware State College out of the University of Delaware Georgetown Substation. His appointment became effective July 1.

Layton holds a B.S. degree in general agriculture from Delaware State College and a master's degree in agricultural education and horticulture from Pennsylvania State University. He has done additional graduate work at both Penn State and the University of Delaware.

Prior to assuming his new position, Layton taught vocational agriculture at Caesar Rodney High School for nine years and was recognized several times for his teaching skills. In 1981 he was named Outstanding Young Teacher of Agriculture by the Delaware Vocational Teachers Association and National Vocational Teachers Association. In 1982 he was selected Delaware Vocational Teacher of the Year. And earlier this year the Caesar Rodney FFA chapter cited him for his outstanding service to vocational agriculture.

A native Delawarean, Layton grew up on a farm in Kent County and for several years ran his own landscaping business in addition to teaching. As an extension agent he will deal primarily with horticultural crops.

Glenn Layton

Market reports

DOVER, Del. — Daily market reports on watermelons, cantaloupes, potatoes and selected other vegetables are now available to Delaware residents through a recorded message from the Delaware Department of Agriculture.

The reports are available at 4:45 p.m. Monday through Friday by calling 697-2345.

Prices, demand and other marketing information for Delaware potatoes is being supplied through an agreement with the Federal-State Market News Service. Growers and shippers will be able to receive information from several terminal markets.

Daily price ranges and quantities on various melons, sugar babies, cantaloupes and other vegetables traded at the Laurel Farmers Auction Market in Laurel will also be reported. Other vegetables likely to be reported on include tomatoes, cucumbers, peppers and sweet corn.

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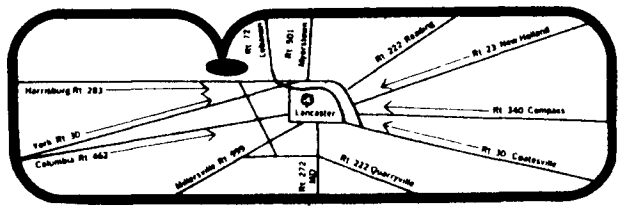

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Avian flu boosts N.Y. broiler production

ITHACA, N.Y. — Commercial production of broiler chickens in New York State is staging a comeback after an absence of more than a quarter century.

Paul W. Aho, a research associate in the department of poultry and avian sciences in the New York State College of Agriculture and Life Sciences at Cornell University, reports that the production of broilers will double this year in New York State to more than two million birds and could double again next year.

Aho made this projection in a presentation discussing the feasibility of commercial broiler production in New York State at the 1984 Poultry Conference held here. The annual event, conducted July 25-26, focused on new trends and developments affecting the poultry industry in New York.

Also known as fryers, broilers are meat-type chickens, usually seven weeks old and weighing about four pounds each.

The last time broilers were raised on a large scale in New York State was in the 1950s. Since then, broiler production has been dominated by southern states, including Arkansas, Georgia, Alabama, North Carolina, Mississippi, and Maryland, where lower labor and feed costs were available.

Born in the 1930s, the broiler industry in this country gathered steam in the 1940s. Today the nation's broiler industry is a multibillion dollar business producing nearly 14 billion pounds of broiler meat per year, making the U.S. the leading broiler producer in the world. According to USDA figures, Americans will eat an average of 60 pounds of broilers in 1987, a big jump from the 32 pounds consumed in 1967.

Over the past three decades, the poultry industry in New York State has specialized in egg production, with annual farm income approaching $100 million.

Spearheading the resumption of broiler production in New York State is Falls' Kosher Foods, Inc., in Livingston Manor, Sullivan County. A subsidiary of Hebrew National Kosher Foods, Inc., Falls' Poultry has already produced half a million broilers this year.

"Chances are that the production of more than two and a half million broilers per year by Falls' Poultry alone will be established on a permanent basis," Aho told the Cornell Poultry Conference.

As for the larger non-kosher market which reaches one billion pounds in New York State, Aho said that although New York is not competitive at the moment, new technology in broiler production including "cage rearing" could make upstate New York competitive in the future.

Aho, along with Cornell poultry specialists Dan Cunningham and Kavous Keshavarz, and Jerry Skoda, a Cornell Cooperative Extension agent in Sullivan County, helped Falls' Poultry study the feasibility of broiler production in New York state during 1983.

"One unforeseen factor that has prompted the production of broiler chickens in New York was the outbreak of avian influenza," Aho noted.

A viral respiratory disease in poultry, avian influenza broke out last fall in parts of Pennsylvnaia and later in New Jersey and Virginia. More than 13 million chickens died of the disease or were destroyed in Pennsylvania alone in order to stop the epidemic.

A quarantine stopped the flow of broilers from parts of Pennsylvania to the Falls' processing plant in New York, thus encouraging serious consideration of broiler production in New York State, according to Aho.

Aho said that farmers who now raise pullets, young female chickens, may be interested in broiler production.

"Broiler production," he pointed out, "will be appealing to pullet growers who have extra labor on the farm because broiler production provides a better return."

Aho summed up his presentation to the Cornell Poultry Conference this way: "It appears as though New York State will be a broiler-producing state once again."

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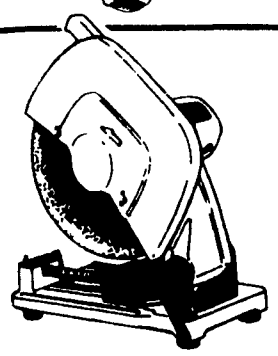

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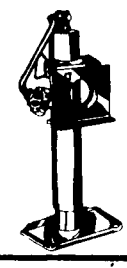

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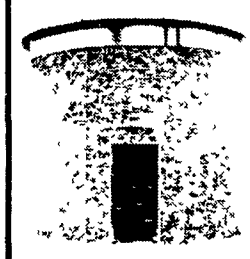

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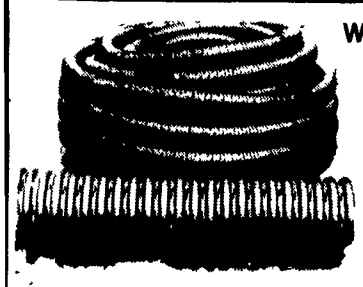

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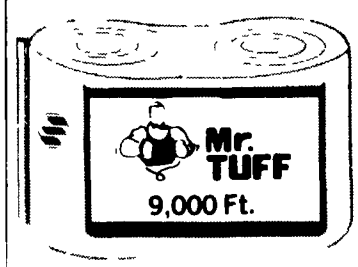

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York winners

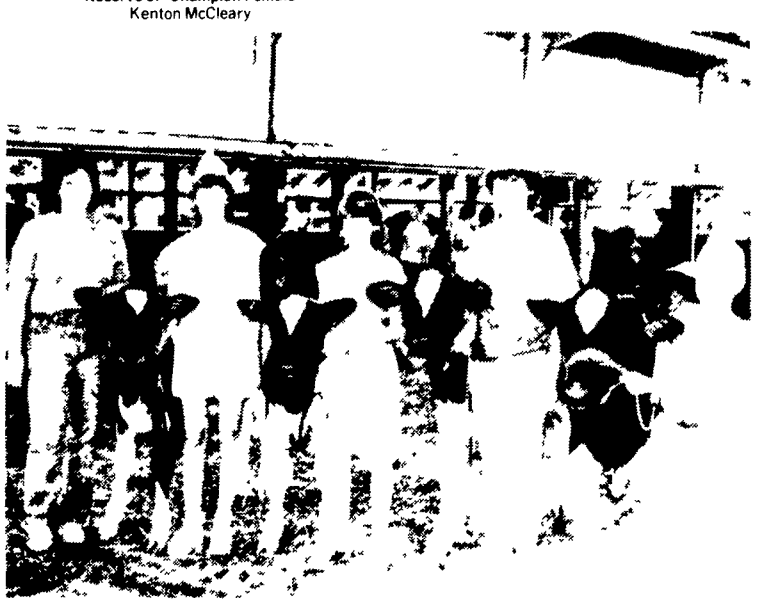
(Continued from Page A30)

Reserve Sr Champion Female
Bridgette Boyer
Grand Champion Female
C E Hubbard III
Reserve Grand Champion Female
Bridgette Boyer
Dam and Daughter
1 Patricia Bupp 2 Michael Kreba
Fitting
1 Allyson Duncan Jr 2 Bridgette Boyer Int 3 Lesley King Sr
Showmanship
1 Jenelle Boyer Jr 2 Sue Eisenhart Int 3 Lesley King Sr

York 4-H Roundup
Guernsey
Show Results
Junior Heifer Calf
1 Kim Thomas 2 Jenelle Boyer 3 Paul Rauhauser
Intermediate Heifer Calf
1 Chad Rutter, 2 Annie Rauhauser
Senior Heifer Calf
1 Matt Kessler
Junior Yearling Heifer
1 Annie Rauhauser
Senior Yearling Heifer
1 Chad Rutter
Junior Champion Female
Chad Rutter
Reserve Jr Champion Female
Kim Thomas
Grand Champion Female
Chad Rutter
Reserve Grand Champion Female
Kim Thomas

York 4 H Roundup
Brown Swiss
Show Results
Intermediate Heifer Calf
1 Kenton McCleary
Senior Heifer Calf
1 Steven Eisenhart 2 Shelly Shaffer
Senior Yearling Heifer
1 Mike Welsh 2 Steven Eisenhart 3 Kimberly McCleary
Junior Champion Female
Mike Welsh
Reserve Jr Champion Female
Kenton McCleary

York 4-H Roundup fitting and showing honors went to these five young women contestants. In front are Jennelle Boyer, left, junior showman; and Allyson Duncan, junior fitter. Lesley King, middle left, took both fitting and showing senior titles; and Sue Eisenhart was intermediate showman. Intermediate class showman was Bridgette Boyer, back row.



Dairy beef judge Brenda Walter, left, placed Joel Eline, right, on top of this fledgling division. Others from the right are Angie Long, Jennelle Boyer and Bridgette Boyer.

Sr 2 Year Old Cow
1 Steven Eisenhart
3 Year Old Cow
1 Mike Welsh 2 Lisa Kilgore
5-Year Old Cow
1 Mike Welsh
Senior Champion Female
Mike Welsh
Reserve Sr Champion Female
Mike Welsh
Grand Champion Female
Mike Welsh
Reserve Grand Champion Female
Mike Welsh
Supreme Champion (over all breeds)
Mike Welsh

Jackie Duncan accepts first place Kiddie Class award from Judge Jim Shaw at York.

York 4-H Roundup Guernsey champs are Chad Rutter with grand and Kim Thomas with reserve.

Lancaster Holstein barn meeting set

LANCASTER — The Lancaster County Holstein Association has scheduled two barn meetings for Thursday, Aug. 9. Both begin at 7:30 p.m., and dairymen are invited to attend the one most convenient for them.

Official Holstein classifiers will be the speakers at each of the meetings, giving dairymen the opportunity to learn more about the program. Refreshments will be served at each.

John Brubaker, Christiana, will host one meeting at which Paul Miller, classifier, will speak. To get to the Brubaker farm, take Route 896 to Nine Points, turn left on Noble Road, go about one and one-half to two miles and the farm is on the right. There is a sign at the end of the lane.

Marvin Witmer is hosting the second meeting with classifier Clarence Cornman as the speaker. From Lititz, travel east on Route 772 and turn left on Clay Road at Rome Mill. Travel three-fourths of a mile and the farm is on the left. Traveling from Route 222, go west on Route 772 and turn right on Clay Road at Rome Mill.

Pseudorabies

(Continued from Page A1)

an area from Maine south to North Carolina and as far west as the Mississippi.

The federally-sponsored pilot program, which relies primarily on slaughter checks, is the principal method of trying to keep track of the relationship of the disease and this movement.

And, this effort is further complicated by some surrounding states, such as New Jersey, which have no regulations concerning the movement of hogs. State officials can only write warning letters when the slaughter checks turn up positive animals.

While some 30 operations are still under quarantine, this number is high because of related breeder-finishing operations in which cleanup is proceeding. One of these involves five operations and another some 17 farms

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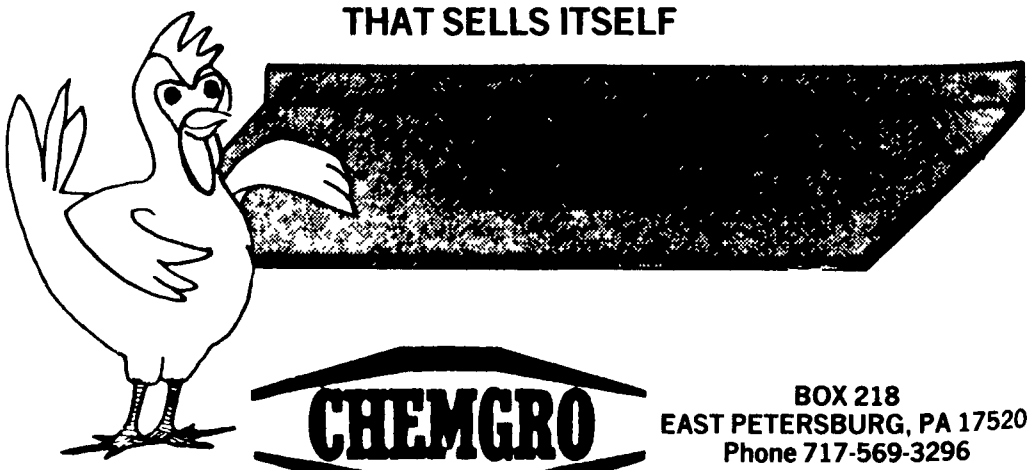

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Big 'E' making $1.5 million in improvements

WEST SPRINGFIELD, Mass. — The Eastern States Exposition has allocated close to $1.5 million for capital and maintenance improvements to the fairgrounds, including the new Carriage House banquet facility and the continued beautification of land along Memorial Avenue.

Included in this year's capital expenditures is a new half-million dollar Carriage House designed by Carlson & Schmitt Architects, Inc. of Agawam and built by RNC Construction Company, Inc., Springfield.

The new facility replaces Storrowton Village's Stagecoach Barn which was recently sold to the Salem Cross Inn in North Brookfield for use as an historic museum.

With the addition of the Carriage House, floor space for banquets and other special events has increased to 2380 square feet and seating capacity from 225 to 375. In addition, the new building will also be used to exhibit some of the hundreds of beautiful crafts on display throughout the Village and in surrounding areas during The Big E.

Other expenditures include:

Continued beautification of the grounds along Memorial Avenue, including planting a variety of ornamental trees along the tree belt and moving a large boulder commemorating the George Washington Memorial Highway to the front of the Brooks Administration Building, encircling it with a miniature version of the ornamental iron fence that now extends along Memorial Avenue.

Various improvements to The Big E Coliseum, including 700 new seats to replace some that have been there since 1916, and also upgrading food service and ticket selling areas, and adding new spotlights.

Construction of a new "guest comfort facility" that includes restrooms and an information center.

Installing Caribbean-type downdraft fans in the Better Living Center as part of a long-range plan to insulate the building and make it more energy efficient.

Adding about 25 energy-efficient high-pressure sodium lights in various areas of the grounds for better visibility and safety.

Installing a new phone system throughout the fairgrounds, plus upgrading the underground sewer system and electrical system, as well as the fire protection and sprinkler systems.

Complete renovation of the rest rooms in the Better Living Center and upgrading rest rooms in other buildings.

Installing exhaust fans in the Moses Building and the New England Center, as well as a heating system in the Young Building so it can be used year 'round.

Still other expenditures include additional landscaping, more drinking fountains, concrete safety barriers near the outdoor arena, regrading horse practice rings, additional parking for the handicapped at the main gate (9A), two large aluminum folding trailer-type bleachers, more park benches, improvements to existing ticket booths, 100 new pens for small livestock, on-grounds signs to direct fairgoers to various areas, plus painting, maintaining and repairing various buildings on the grounds.

The Big E - "New England's Great State Fair" - is scheduled Sept. 12-23.

Direct marketing guide available

HARRISBURG — Do you crave the taste of crisp Pennsylvania sweet corn smothered in butter, or the scent of homemade apple pie baked with fresh Pennsylvania apples? The opportunity to enjoy these and other fresh Pennsylvania produce items has begun for 1984, according to State Agriculture Secretary Penrose Hallowell.

"The key to discovering when your favorite fruit or vegetable is available fresh from the orchard or field can be found in the 1984 Consumer's Guide to Direct Marketing," said Hallowell, noting that the new directory contains a county by county listing of Pennsylvania's 2,000 direct market facilities.

"More than 600 pick-your-own operations, 1200 farm markets and 125 organized farmers' markets dot the rich production areas of Pennsylvania from border to border," said Hallowell. "Many of these operations have diversified and offer a wide variety of top quality, in-season produce at very reasonable prices," he added.

"The Consumer's Guide to Direct Marketing provides patrons of open air markets with addresses, market days and hours, and as an added convenience, contains a graph outlining the peak periods to obtain your favorite foods," Hallowell said.

Entries also include milk juggers, who sell milk directly from the farm, and direct outlets for a host of Pennsylvania commodities including maple sugar, cheese, wine and mushrooms.

Specialists with the Department's Bureau of Markets work closely with farm market operators to make this information available, and are aware that some markets may not be listed. If you are interested in having your operation included in the 1985 directory, write to the Pennsylvania Department of Agriculture, Bureau of Markets, Attn: Tom Imswiler, 2301 North Cameron Street, Harrisburg, PA 17110-9408.

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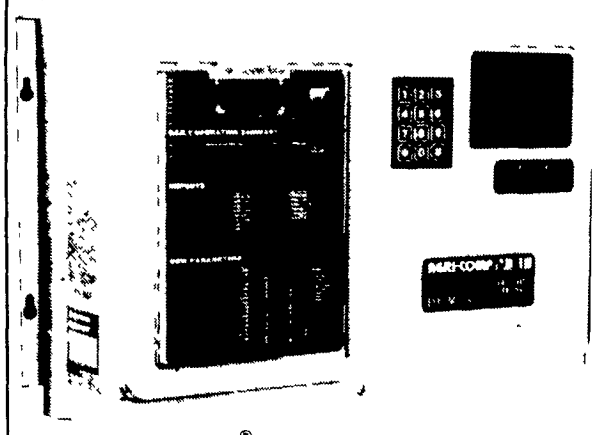

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3	NUMBER REPORT	Lists cows in ascending order of cow number	Allows easy access to each cow s production record
4	DEVIATION REPORT	Identifies cows who have dropped from their average production	Signals cows that may be in heat off feed or ill Also helpful in evaluating milker performance
5	ATTENTION REPORT	Identifies cows in need of attention or having milk held	Records the milker s observations of abnormal cow conditions (heat injury illness treated cows) Entered at parlor unit
6	AVERAGE REPORT	Lists the herd in order of cow s average production	Allows the evaluation of the production placement of the cows in the herd
7	LOT REPORT	Lists cows in lots by order of production	Allows evaluation of effectiveness of feeding management
8	OPEN REPORT	Lists all open cows and heifers by reproductive status	Identifies cows and heifers not bred ready to breed due for pregnancy check and cow not cycling
9	PREGNANT REPORT	Lists all pregnant cows and heifers by reproductive status	Aids in milk production planning
10	INDIVIDUAL COW RECORD	Lists all available information about an individual cow or heifer	Fast way to obtain information on each cow
11	HERD SUMMARY	Summarizes the total and average production for today average milking time average days open pregnant and in milk for each cow or heifer	Allows evaluation of overall herd performance
12	REPRODUCTION SUMMARY	Provides percentage of cows and heifers by reproductive status lists cows and heifers to breed due in heat to pregnancy check to dry off to calve and to cull	Aids in efficient reproductive management of the dairy herd
13	SIRE REPORT	Lists what cows were bred to which Sire	Assists in breeding management

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Mushroom manual reviewed

AVONDALE — Nicholas DiBenidictus, Secretary, Department of Environmental Resources and Penrose Hallowell, Secretary, Department of Agriculture attended a meeting of the Chester County Mushroom Task Force on Friday, July 20, at Perkins Restaurant, Avondale, to hear the discussion on the recently produced manual entitled, "Best Practices for Environmental Protection in the Mushroom Farm Community."

Paul Wuest, Department of Plant Pathology at Penn State, discussed the new manual and solicited comments and observations from growers and others allied with the mushroom industry in Chester County. He said that the manual is intended to be a single source list or reference of best management options for the prevention of pollution in the various segments of the industry. The manual is an effort by the industry to police its own activities and keep its own house in order before major pollution problems develop.

Charles Brosius, chairman, Mushroom Task Force, presided and introduced both State officials who made brief comments about the manual which represents four years of talk and interaction between members of the local mushroom industry and the various regulatory officials.

Following the hour long meeting, a visit was made to Laurel Valley Farms, a composting operation at Avondale, and selected members from visited the C.P. Yeatman and Sons, mushroom farm also in Avondale.

The manual was submitted in May to the Department of Environmental Resources for approval.

Heifer tops Sire Power Sale at $6,000

BY LAURA ENGLAND

KUTZTOWN — It took extra prodding by the auctioneers to get higher bids, but when it was all over a young Cal Clark Board Chairman daughter was named high seller at the annual Sire Power Sale, held Thursday at the Kutztown Fairgrounds.

Y-Brookside Chairman 258 took top honors with a bid of $6,000. Consigned by Mark S. Yoder, Belleville, the December 1982 heifer was bought by David Yoder and Kim Gromis, McVeytown.

Y-Brookside Chairman 258 is the daughter of an excellent dam, Wa-Ke Y-Brookside Betsy. The dam's highest production record was at seven years with 22,339 pounds of milk and 907 pounds of fat with a 4.1 percent fat test in 365 days.

Second high selling honors went to a 4-year-old cow, Rome Springs Saul Shelly, at $5,300. Consigned by Jeffrey and Karen Hale, Wysox, the cow was sold to Ralph Albright, Landisburg.

An excellent cow at 90 points, Shelly was sired by Brownking Saul. At three years, she produced 24,552 pounds of milk and 976 pounds of fat at a 4.0 percent fat test. She is bred to Sunny-Craft Chief Spirit, another Sire Power bull.

Sharing the third high selling spot were three heifers at $5,000 each. The first of these sold was Huff-N-Puff Jetson Jan-ET, a September 1983 heifer. Jan was consigned by William and Carolyn M. Pettit, Juliustown, N.J., and was bought by John Ingling, Vincentown, N.J. The heifer was sired by Browncroft Jetson.

The second Holstein at $5,000 was a June 1983 heifer consigned by Len-Lyn Farms, Stevens. Len-Lyn Elevation Kamay, sired by Round Oak Rag Apple Elevation, was bought by Elam Bollinger, Manheim.

Finishing the list of $5,000 animals was Kinstead Rorae Lottie-ET, consigned by Kingstead Farm, Damascus, Md. Norman Hill, Jefferson, Md., bought the June 1983 heifer, also sired by Elevation.

In addition to the cattle sold, Sire Power also auctioned off 30 units of Browncroft Jetson semen. The sale breakdown was: three units, $2,600; two units, $2,300; five units, $2,000; five units, $1,500; and three sales of five units, at $1,300.

Jetson was one of the highest PD bulls to be summarized by the USDA.

The total for the sale managed by the Remsberg Sale Service, Jefferson, Md., and Backus Associates, Mexico, N.Y., was $136,625 on 64 head. The average per head was $2,221.72.

Topping the Sire Power Sale at $6,000 is Y-Brookside Chairman 258, consigned by Mark S. Yoder, Belleville, and bought by David Yoder and Kim Gromis, McVeytown.

Rome-Springs Saul Shelly is second high seller at Sire Power Sale at $5,300. Consignors were Jeffrey and Karen Hale, Wysox, and the buyer was Ralph Albright, Landisburg.

Futures

(Continued from Page A17)

bu. vs. 3.2). Although we do have a large crop projected, we will not be burdened with the record grain stocks that depressed prices so much in 1982.

Our feeling is that corn prices should continue to erode down toward the loan rate of 2.55 and will trade near there until either exports improve or domestic usage increases.

In wheat, many people expect a near term rally based on expectation of further export business with Russia and China. But the price of wheat is being pressured to a great degree by recent losses in corn and soybeans. What will be most interesting in the wheat market is the interplay between total stocks and stocks in deliverable positions. If the majority of this year's crop goes under government loan, supplies available to the market could be very tight especially if the Chinese take the full allotment of their long term grain agreement.

Overall the wheat market is fundamentally negative with a projected carry out of 85 to 90 million bushels. However, with 50 million bushels in the CCC and another 20 million bushels in the government reserve program, free stocks wild dwindle to 20 million bushels. This will be the lowest level of stocks since 1978-79 when the price of wheat rose to 3.80. Many analysts believe there is a strong parallel between the two years.

In general we expect the price of wheat to hinge on export business with Russia and China being the major players.

Soybeans tell much the same story as corn. The crop looks excellent and with fewer southern acres and less marginal acres due to the set-aside program, national yield should be high. We expect average yields of 31.5 bushels per acre producing a crop of 2.1 billion bushels. This will leave us with a carry out of 285 million bushels which is 2½ times greater than this year's. In light of this, it is not difficult to see why many analysts (ourselves included) believe that November soybeans could eventually trade as low as 5.00 bushel.

LIVESTOCK — In the last week the livestock markets have lost most of the gains that took months to achieve. In terms of a futures market, we are clearly in an over sold condition with computer selling and long liquidation very strong. The drop in price cannot be attributed to aggressive farmer hedging, since open interest has declined dramatically.

In the cattle, excellent fundamentals indicate a possible rally later this fall. Livestock movement and the ability of farmers to aggressively market lighter weight animals will give a firm undertone to the cash market. However, the large placements that we saw in April have yet to come to the market and this has many traders nervous.

Projected prices of 63 cents for live cattle and 97 cents for steer carcasses weighing 600 to 700 lbs. At these prices supplies should be cleaned up as retailers continue to feature beef as a better value than pork. Clearly this sets the stage for a late summer rally.

One cannot be as optimistic about the pork complex. Most definitely there are problems in retail demand. We do not expect the hogs to "fall out of bed" but between the heavy sell off in the product area (especially pork bellies) and the bearish psychology that has gripped the market, one cannot be overly optimistic.

Packers continue to operate in the red and have had limited success in keeping product value high, especially since pork has become the weaker sister to the beef.

The market is to a large degree under pressure for technical reasons — with similar computer selling from large commission houses. The decline in open interest is indicative of long liquidation rather than hedging pressure from farmers and packers.

Cash prices in the live hogs appear to be finding support in the 53.00 to 54.00 area and if the erosion in product prices abates, one could expect a trading range to develop in the hogs with October's trading between 48.00 and 50.00. But it's very difficult to pick a bottom when this kind of bearish physchology overtakes any market.

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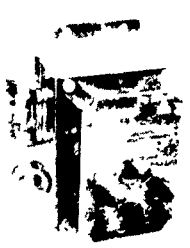

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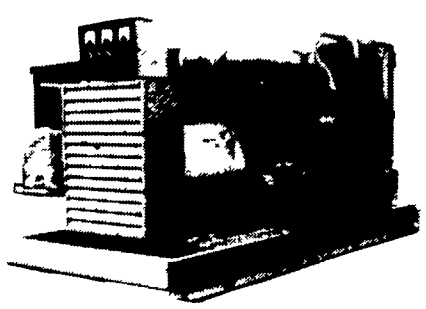

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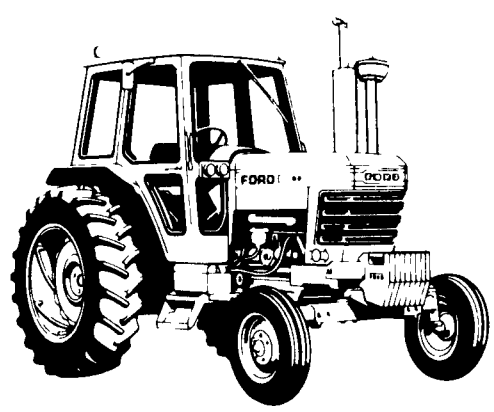

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Preserving family farm is key issue at Grange Mtg.

(Continued from Page A1)

corporate poultry factories unless he is willing to "put a pencil" to his own operation to insure profitability.

Kreb's advice to producers was to join with farming organizations in finding methods to curb outside investment and low-cost government financing catering to a few individuals or companies.

Following Dr. Krebs, Mastersonville egg producer and Master Farmer Claude Hess showed the group that the "sharpest pencil" available to farmers is computer technology.

"How can you afford not to use a computer, when your competitors and suppliers are using them?", Hess challenged, adding that prompt financial accounting is central to any business.

Hess then ticked off a wide variety of tasks easily accomplished by computers including some key ratios such as debt to income, assets per dollar of debt and sales per dollar of assets.

The Manheim-area egg producer gave his guidelines for getting started with computers.

"First, list all the tasks you think a computer may be able to help you do," he said, "then list your list in order of diminishing importance. And finally, check your sources of software relative to your requirements.

"I would be lost without a computer today," Hess concluded.

Next on the list of speakers was Dr. Robert Eckroade of the University of Pennsylvania's New Bolton Center, who spoke on the Center's research in the area of avian influenza.

He stressed the need for laboratory facilities in Pennsylvania capable of safely experimenting with the highly pathogenic strain of avian flu. Currently the only labs in the country capable of carrying on this research are located in Ames, Iowa, and Athens, Georgia.

The researcher pointed out that prevention is still the best way of handling infectious diseases. Eckroade then listed numerous potential virus carriers that need to be controlled around the poultry facility. Heading the list as the worst offenders of all are people themselves, Eckroade observed.

He also listed a number of ways to modify the course of the disease including vaccination, early diagnosis, medications and lowering stress among birds.

Galen Young of Elm Tree Poultry Service then enlightened farmers on the current technology available for controlling disease through fumigation.

Young pointed out that formaldehyde fumigation permeates a poultry house more thoroughly than is possible with liquid disinfectants, penetrating behind walls and into attic areas. He said that his firm's system is adaptable to any type of facility including hatcheries, feed bins and large turkey houses.

Following the guest speakers' presentations was a review of the Grange's accomplishments on the legislative front by Ron Shaffer. Among the additions to the 1984-85 state budget supported by the Grange were $500,000 for poultry research and promotion, $375,000 for lab improvements and research at Penn State and $2 million for research and lab facilities at the University of Pennsylvania.

The following three bills have been introduced by the Grange to the state legislature:

- HB 2035 - Sponsored by Rep. John Broujos would require a 14-day payment period fro all poultry commodities, unless another time limit was mutually agreeable. This bill has passed the House and is currently up for consideration by the Senate.
- HB 1751 - Sponsored by Rep. A. Carville Foster prohibits foreign investment from competing directly with family farmers through the use of low-interest Pennsylvania Industrial Development Authority (PIDA) loans. the bill has passed the House and is currently in the Senate appropriations committee.
- HB 1752 - Also by the above sponsor reduces the amount of land foreign investors can own in Pennsylvania from 100 acres to 10 acres.

The evening's final order of business was an open discussion on a number of poultry-related topics including the drafting of a marketing order. On the latter subject, fears were expressed by a number of producers that certain portions of the proposed marketing order would be more harmful than beneficial to the small independent producer.

Addressing specific clauses within the order, Biglerville egg producer Dolly Sterner emphasized that a marketing order vote must be conducted on a one producer-one vote basis. She also stated that the proposed one cent-per-dozen mandatory check-off program was too high.

"The family farmer simply can't afford to let these provisions go through," she concluded.

Colorful costumes and flashy riders will be featured at the 25th anniversary Eastern Arabian Horse Show on Friday and Saturday August 3 and 4 at the Devon Horse Show Grounds.

SHORT NOTICE AUCTION
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FRIDAY, AUGUST 3, 1984
7:15 P.M.

Wayne, Steuben County, New York
Sale to be held at the farm on Waneta Lake, West Lake Road County Rt. 97, two miles south of Rt. 230 at Wayne, 4 miles west of Rt. 226 at Tyrone. 7 miles north of Hammondsport.

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35 MATURE COWS OF YEAR ROUND BREEDING

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TERMS- Cash or good check night of auction. ID required. Lunch available.
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PUBLIC AUCTION

SATURDAY, AUG. 4th
at 10:30 a.m.
To be held in our yard on the corners of Rt. 38 & 38B Newark Valley, New York. (West of Binghamton, North of Owego).

TRACTORS

Ford 8N, 9N Jubilee majors 5000, 8000, Farmall MH 460, MF 35 Original (green belly), MM/White, 1355 w/Cab, MH Pony w/Forklift, AC WD 45's, MH 44 333, JD 720 w/3 pt. Belarus 520 & 420 4 wheel drive, others, Vermeer dual wheel, diesel trencher with 6 way blade; JD 3020; Farmall cubs; JD 50 & Bobcat.

MACHINERY

(4) New Idea 1 row pickers, 7, sharp 10, 323; MF chopper w/2 heads, JD 34 chopper, 24T baler; small Cobey spreader, several 3 pt. rear blades up to 8 ft; several 3 pt. & pull type rotary cutters up to 6' new & used; 13' Lely Roterra; Backhoe attachment; New 6' stone rake; Ford flail mower; 18.4x34 duals; Stooker; Anhydrous applicator; Combine & tractor trailer; IH 650 chopper 2 heads; NI tandem spreader; cattle oiler; several corn heads; several plows; load of new 3pt. equipment; JD 95EB self propelled combine w/cab & air; 334 adjustable width 3 row corn head; Ford 3 pt. sickle bar mower; Lots more!

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Deering Reeper w/extra canvas's; New Idea (Easy Way) Hay Loader; N.I. hay rake; (both like new); Missouri Force Feed Grain Drill; (2) Oliver #23 2 way plows; Deering Giant mower; 2 Land rollers; dump rake; harrow; Horse drawn wagons, cutters buggy's, tedder, hiller, cult., 4 wheel wagons; heavy sleds; etc. seed cleaner; This has all been inside since the people quit farming, machinery is quite nice!

MISC.

Sprayer tanks, tractor weights, lawn mowers, power hack saw; grill guards; Fence stretcher toplinks, cylinders, hand truck, implement jacks; tires; etc.; 1970 Dodge 1 ton service truck.

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Auction

SATURDAY, AUGUST 11, 1984
AT 9:30 A.M. SHARP
240 HEAD OF REG. & HIGH GRADE HOLSTEIN COWS & HEIFERS 240
SEMEN TANK & SEMEN
ALSO GROWING CROPS WILL BE OFFERED

LOCATION: RITA-MAE FARMS, 12633 Coppermine Rd., Union Bridge, MD. From Frederick take Rt. 26 East to Libertytown, MD. At the junction of Rts. 26 & 75 turn North on Rt. 75 to Coppermine Rd. Turn right on Coppermine Rd. to farm on left. From Taneytown, go South on Rt. 194 to Woodsboro. Turn left on Coppermine Rd. to farm on left.

180 MATURE COWS 180

This herd consists of 180 mature cows, 32 bred heifers, 30 open heifers from 2 weeks to 6 months of age. Approx. 115 head are Registered w/approx. 40 cows fresh in last 60 days and approx. 45 cows due in the next 60 days of which several are springing to be fresh by or around sale time. Balance of herd in different stages of lactation with several Fall cows. Just to mention a few –

REG. JOB w/over 20,000 lbs. & 800 lbs. fat
CHAPEL-BANK MAJESTY w/19,630 lbs. & 712 lbs. fat
ASTRO-GALAXY w/over 19,000 lbs. & 650 lbs. fat
GRADE #144 w/21,330 lbs. & 781 lbs. fat
GRADE #287 w/21,470 lbs. & 847 lbs. fat
GRADE #156 w/21,410 lbs. & 826 lbs. fat

Several other good cows with records between 16,000 - 18,000 lbs. The milk cows are presently averaging approx. 45 lbs. of milk.

62 HEIFERS 62

32 fancy bred heifers w/most being from 3 to 7 mos. pregnant. 30 open heifers of which 18 are 4 to 60 mos. of age. 12 are 2 to 6 weeks of age, mostly all are A.I. sired by such bulls as CAVALIER, CHAIRMAN, FORD, JEMINI, MAGNET, ACE and many other outstanding sires.

HEALTH: All cattle have been tested for Interstate Shipment within 30 days of sale. Also pregnancy checked.

NOTE: For dairymen who are looking for herd replacements for Summer & Fall milk, this will be an excellent opportunity to purchase replacements of both Registered and Grade cows & heifers that will fit your herd needs. There are several young cows with good udders and feet that have a lot of production potential.

Sale will be held under tent with catalogs available at ringside. Loading chute available.

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SEMEN SELLING from Chairman, Bubbler, Jade, Elevation Very, and other young sample sires.

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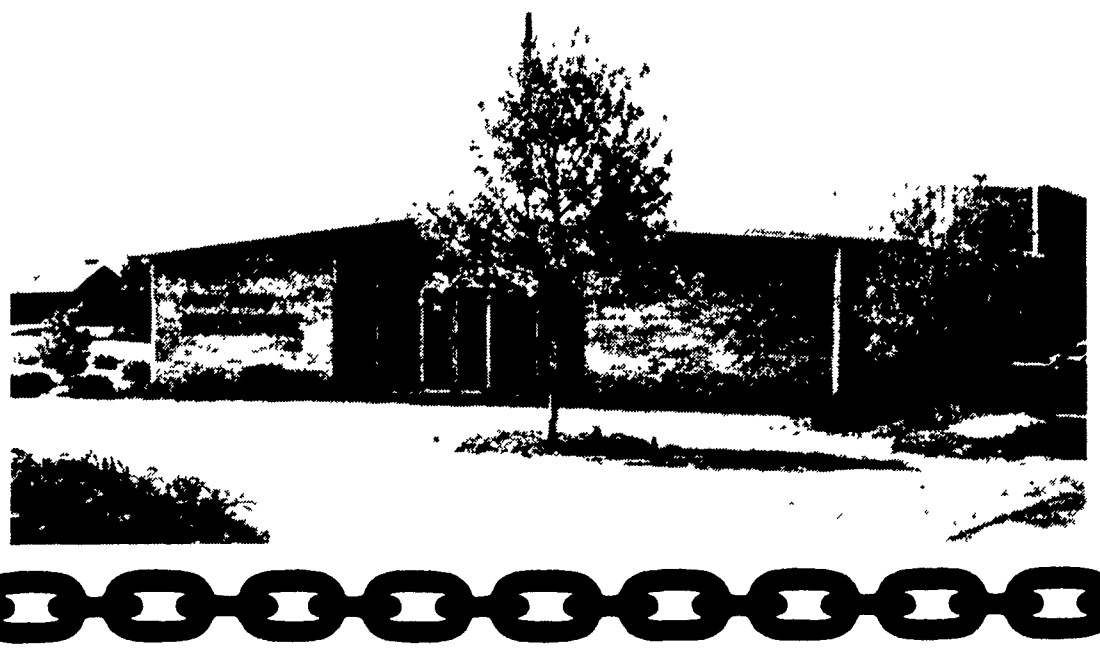
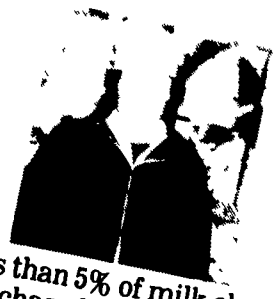
"...8,000 lbs. more milk."
Willis & Stanley Rothenberger
Oxford, PA

"...saved enough to make Harvestore payment **and** profit."
Melvin Stoltzfus
Cochranville, PA



"...butterfat still climbing."
Donald Hoffer
Lebanon, PA



"...less than 5% of milk check for purchased supplement."
Larry Shade
Elizabethville, PA

"...more cows hit 100 lbs."
Donald Engle
Elizabethville, PA

"...saves me money."
Melvin Zimmerman
Myerstown, PA

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Atlantic's
July 1984 Colored Breed Sire Summary

	SIRE	PREDICTED DIFFERENCES MILK	TEST	FAT	$ VALUE	RPT	PROTEIN %	$	RPT	TYPE PDT	RPT
					— AYRSHIRES —						
3A86	JACK	+ 186	−.05	+ 1	+$ 14	98%	−.05	+$ 5	94%	+ .10	96%
					— GUERNSEYS —						
15G120	BIG TEX	+ 481	−.09	+ 12	+$ 51	88%	−.10	+$ 38	82%	+2.10	82%
1G149	EMORY	+ 796	−.19	+ 13	+$ 73	63%	N/A	N/A	N/A	+1.80	49%
83G561	DEACON	+ 258	+.01	+ 13	+$ 39	99%	−.05	+$26	96%	+ .80	98%
1G152	FASHION	+ 589	+.00	+ 37	+$101	58%	−.09	+$90	55%	+ .40	56%
1G153	FAYVOR LAD	+ 854	−.16	+ 20	+$ 89	35%	N/A	N/A	N/A	N/A	N/A
17G82	CAPTAIN	+ 32	+.14	+ 18	+$ 33	79%	−.04	+$29	64%	+ .30	52%
1G151	RADER	+ 494	−.16	+ 3	+$ 36	65%	−.05	+$28	40%	− .80	58%
15G116	LASSIE	+ 345	+.00	+ 16	+$ 49	79%	+.00	+$49	60%	−1.30	60%
3G147	NOBLEMAN	+ 273	−.16	− 6	+$ 7	94%	−.07	−$ 4	87%	− .50	90%
					— JERSEYS —						
1J205	STATE 78	+ 979	−.22	+ 19	+$ 95	70%	−.05	+$94	65%	+ .30	65%
1J157	SOLDIERS PRIDE	+ 678	−.05	+ 26	+$ 88	94%	−.05	+$82	89%	+ .20	91%
1J194	SOLDIER BOY	+ 946	−.10	+ 33	+$117	96%	−.10	+$107	92%	− .70	92%
1J188	SILVER GEM	+ 298	+.12	+ 28	+$ 67	63%	N/A	N/A	N/A	+1.40	42%
1J210	SAMSONITE	+ 171	+.08	+ 17	+$ 40	77%	−.03	+$37	67%	− .40	56%
1J148	FIRECHIEF	+ 294	−.01	+ 13	+$ 41	88%	+.00	+$41	82%	− .70	78%
1J204	TRAVIS	+ 555	−.21	+ 1	+$ 37	70%	−.14	+$17	57%	+ .80	66%
15J53	NOBLE	+ 248	−.04	+ 7	+$ 28	95%	−.07	+$18	92%	+ .00	92%
					— BROWN SWISS —						
21B421	ROCKET	+ 809	−.04	+ 26	+$ 96	73%	−.05	+$89	63%	− .30	70%
1B67	TITAN	+ 656	−.18	− 1	+$ 40	93%	−.04	+$33	87%	+1.00	95%
1B72	TORO	+ 266	+.09	+ 24	+$ 58	70%	+.02	+$62	60%	+ .30	73%
					— MILKING SHORTHORN —						
21MS515	PACESETTER	+1094	+.00	+ 40	+$139	91%	+.01	$140	73%	+1.50	90%
17MS43	PROMISE	+ 368	+.01	+ 15	+$ 49	47%	N/A	N/A	N/A	+ .60	51%

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Gold panners scour Southeastern Pennsylvania's streams

BY JOYCE BUPP
Staff Correspondent

GLEN ROCK — Gold. The very word conjurs up visions of grizzled, bearded prospectors grubbing in a stream with an iron frying pan, a pack-laden donkey grazing against a background of western mountains.

But panning for gold in York County? Or in Lancaster or Chester County? Gold, in the hills and meadows of southeastern Pennsylvania's rich farming country, has apparently been one of the best kept secrets around.

Don't rush out to sell your pickup and buy a donkey just yet, though.

"Gold in York County is mentioned in passing in old mineral records of 1832, as well as a few other times," according to Jeri Jones, geologist for the York County Parks and Recreation Board. "It was always reported very casually, sometimes as being around certain old quarry sites."

Jones organized the recent second annual Gold Panning Seminar, hosted at the county's Spring Valley Park, and conducted by members of the York Rock and Mineral Club.

Local interest in panning for gold, he says, can mostly be attributed to one mineral collector, Don Schmerling of York.

Some years ago, Schmerling set a personal goal to collect a sample of every mineral known to Pennsylvania. Gold happened to be one of them. Since historical references were so vague, he and Jones pored over geological maps, looking for clues to the puzzle.

What they sought were certain types of metamorphic rock formations, long associated with deposits of gold found elsewhere. This formation, A Wickhisson or Peters Creek type, is believed to have been formed by volcanic eruptions, then changed, or metamorphisized, through later actions of heat and pressure.

Ken Kauffman, left, and Don Schmerling demonstrate digging out panning gravel at a potential site. Interruptions in a stream's flow allow the heavier gold to be deposited at natural collection spots.

Using the preferred dark-colored, shallow plastic pan, novice mineral collector Brad Kohler tries his hand at going for the gold.

York County Parks' geologist Jeri Jones demonstrates the technique used in panning for stream gold.

Hydrothermal fluids from deep in the earth caused the gold to be deposited in these certain sites, millions of years ago. As the rock weathered over the eons, the gold became exposed.

Glacial action often moved the rock deposits, and gold in the Northeastern part of the United States, say the geologists, likely was deposited by glaciers that pushed it from original locations in Canada.

"Geologically, gold often is related to areas of slates, and serpentine types of rocks," says Schmerling.

Studies of the local geological formations showed that a potential gold-bearing formation begins near Glen Rock, and more or less follows Muddy Creek, to the Susquehanna River. It then continues on an east, northeast angle through Lancaster County and into Chester County, south to about Delaware.

That formation line extends in the opposite direction toward the Great Falls, Maryland, section of the Potomac River, to Fredericksburg, Virginia, and south into Alabama. This extension is believed to be from the eastern slope of the Piedmont area. Certain of its rocks, including some in the Spring Valley Park area, are estimated at 700 million years old.

Placer gold, which is the type found by panners working creeks, is washed by weathering and water from these ancient rocks, and then becomes trapped at points in a stream where the water velocity is interrupted. Sites below a small natural rock dam, at a bend, or where a creek might suddenly widen and slow are what a gold-panner looks for as a starting place in his search.

"Panning for gold in Pennsylvania is strictly for recreation," both Schmerling and Jones strongly emphasize.

Even the most avid panners admit the volume of gold they find is minimal. Flakes found locally are very tiny, with a pinhead size piece considered a credible find. A productive day's panning might bring a collector just a few of the tiny, shiny flakes, often shaped with irregular finger-formations.

"It would take about 20,000 flakes to make an ounce of gold," Schmerling estimates, adding with a chuckle, "No one is going to get rich at this; it's strictly for enjoyment." After panning for about five years, he estimates having found maybe a maximum total of one-half ounce.

"Streams don't have to be large to be gold-bearing," says the panning expert. Even small feeder creeks, perhaps just a foot wide, have the potential, if they are at the right location. Creeks flowing into the Susquehanna from southern York and Lancaster counties, offer promise of a few flakes.

Property owners with creeks flowing through their property - and most farms seem to have at least one — might enjoy spending a few hours, especially some hot afternoon, digging in the creek bed.

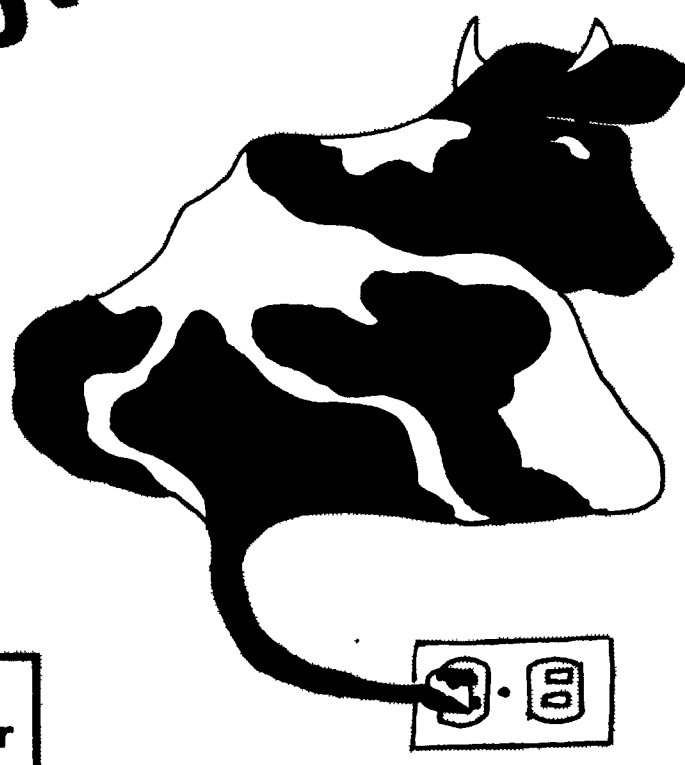
(Turn to Page B4)

Jeff, Patty, Benjamin and Carolyn Kuhn of York concentrate on the contents of their panning equipment.

Homestead Notes

METHANE ENERGY SEMINAR

"FROM COWPIES TO KILOWATTS"



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Gold panners

(Continued from Page B2)

Although gold has definitely been found in the small creek that bubbles through Spring Valley Park, Jeri Jones emphasizes that panning is not allowed on public, government-owned, lands, because taking gold from these streams would be considered removing a natural resource, an illegal act.

Special wide, shallow plastic pans are sold for panning minerals, and can be purchased at local rock shops, mineral shows, or through hobbyist mail-order supply catalogs. These experts prefer black or dark green pans, because the shiny yellow of the gold is more visible against the flat, dark background.

Aluminum Piepans, used by many attending the seminar, aren't recommended for serious panning because the silvery surface does not offer enough contrast to the color of the gold flakes.

Gold is a very heavy mineral and will sink to the bottom of wherever it is deposited, including a piece of panning equipment.

When a likely spot is found, a shovelful of gravel should be placed in the pan, which is then swirled around in the water while being vigorously shaken to settle any flakes to the bottom.

Large rocks and pebbles can be removed by hand periodically, and the lessening volume of gravel material continuously swirled out by the creek waters, until only a heavy blackish sandy material remains in the bottom.

"If you can find that black sand, a magnetite material, then you're probably in the 'ball park', "Jones told rookies standing ankle deep in water at the seminar, eagerly searching through miscellaneous creekbed materials in their piepans.

Mica, also a shiny mineral that might be found, is a brighter yellow color, while gold is a duller blue

"Don't spend too much time in silted creeks," Schmerling suggests. "Pick a stream with some flow to it. Look for a place with gravel deposits of one to three feet, with bedrock under that, so any possible gold deposits would have to be contained."

"You can have two creeks side by side; one will have it and the other won't. It's best to work up a creek, maybe at a dozen or spots, where some barrier such as a vertical slate across the bottom, would catch deposits as they wash downstream. Natural riffles trap gold."

Panning enthsiasts like Schmerling aren't discouraged by cold weather, and might be found knee-deep in streams edged with slivers of ice. But in that weather, he'll probably be using a "sluice," because the panning method causes hands to grow numb quickly in icy water.

A sluice is a trough, about ten inches wide by three to four feet long, with half-to three-quarter inch high cross pieces at intervals along the bottom to create a riffle effect. Gravel is shoveled in, and the creek water left to naturally flow through the trough, with the riffle pieces catching and holding any gold flakes. These can be hand made, or purchased from mineral-hobby suppliers, at about the cost of $25 to $50 for a plastic or aluminum model.

Thus far, the most prolific local gold flake area is at an undisclosed southern Lancaster County location, although geologist Jones anticipates that the northern part of Lancaster County could likely have gold-bearing areas.

"Someone has to get out and look, and no one has really hunted there that we know of," he adds. Northern York County, toward the Dillsburg area, is worked by some panners, and potential gold-bearing rock formations make up both the Pigeon and Hallam Hills in York County.

Jones estimates that perhaps 15 percent of York County's streams bear bits of the precious, elusive metal, while many in southern Lancaster County could yield panning finds.

Silver is often found in rock formations related to gold-finding, but so far that metal has not turned up locally, yet.

"There should be some around," insists the geologist. "Some silver has been found in the same type rocks in Maryland. But again, no one has really looked. And you must know what you are looking for."

"Ask first" heads the mineral experts' list of things to do when setting out to pan for minerals, if the search leads to private property.

"Most people are pretty cooperative if you tell them you'd like to look for gold in their streams, says Schmerling. However, if a few flakes of gold are found, some property owners may occasionally become a bit protective.

Panners do turn up things that have been lost sometimes due to high water. Schmerling recalls working a creek one day after high water and coming across part of an A-frame section from a farmer's tractor that had been washed a considerable distance downstream.

In the past, another Pennsylvania mineral generated some interest among area farmers. Rutile, a titanium, is a rusty reddish-brown to almost black colored crystal-like rock. When crushed, it turns white, and once was an important whitening agent, used in paint and even in false teeth. Farmers picked rutile from their fields and sold it to earn a few extra dollars.

Such field harvesting of the mineral has faded into history, and most rutile used today is obtained from Maryland's beach sands.

Numerous rock and mineral clubs are organized throughout Pennsylvania, with several in the southcentral and eastern parts of the state. Persons interested in further information on potential gold-bearing locations, or on panning for gold, may contact Jeri Jones at the York County Board of Parks and Recreation, R22, Box 33, York, 17042, or by calling 717-757-5653.

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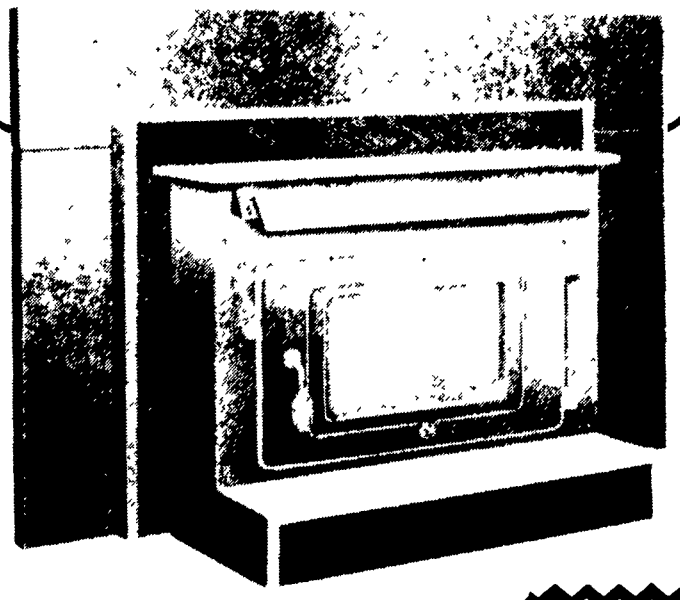

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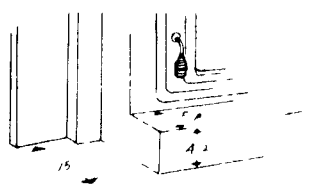

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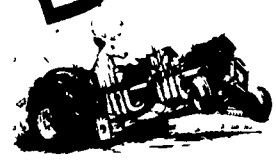

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On being a farm wife - And other hazards

Joyce Bupp

Combs. Brushes. Hair spray. (The giant-economy, cheapie brand).

No, we are not opening a beautician's shop. Or cleaning out my handbag.

Spray deodorant powder.

"Black can with blue letters" was the detailed instruction on the grocery list, to insure that mother came home with the correct item.

Baby oil. Got that one. Baby powder. Panic, that one got missed. Whew! Found one on the shelf of the bathroom closet.

Ivory liquid soap. Wisk detergent.

"Get them both; I like to mix them." More detailed instructions, these given verbally. Dig through the coupons and find the appropriate ones. If I'm buying it, I might as well redeem and save money to boot.

Rakes. Brooms. Shovels. All gone. There will be no major cleaning of any type done around here for awhile.

Old sheets. Only an armed guard keeps them from raiding the linen chest, and snatching the good stuff as well. (Problem is, we don't have old sheets: we either have sheets in use, or cleaning rags.)

"Where are the registration papers?"

Lesse, I know I put them at a special safe place so I could instantly put my hands on them when we needed them. If I can just remember where it was. So much for efficient organization.

Unearthed from their safekeeping site - right in front of my nose - they joined the parade of items, along with health charts and notes about cold shots.

There goes my wheelbarrow out through the yard, the one I personally purchased with veiled threats about how it was explicitly for yard and garden use.

"I'll just hose it off before we load it on the truck" comes a message yelled back by the wheelbarrow borrower.

"But all the old suitcases are broken." Yes they are, and it's because those heifers stomped on them back at Farm Show. Don't you dare even think about taking any of the good ones.

Sleeping bags. Blankets. Picnic cooler and thermos of ice water. The deck of Uno cards. Garbage bags, paper towels, styrofoam cups.

Buckets, bales, bags of sawdust. Clippers. Granola bars, fruit and cheese. Baler twine and forks. Hay and grain.

Folding chairs and a card table. Hair dryers. Boots. Sneakers. A couple of changes of clothes. Light bulbs.

No, we are not moving out for a month.

Would you believe packing for a two-day cow show?

Ten miles away.

4-H'ers win at Horse Judging Contest

NORRISTOWN — Jenny Reptsik of Harleysville took top junior honors at the Southeast Regional 4-H Horse Judging Contest held recently at "Our Farm" in Worcester. Jenny was named top individual in the junior category for members 13 and under.

Denise Longworth, Lansdale, placed 5th while Kirsten Roshon of Lansdale placed 9th in the same competition. The fourth member of the Junior team was Jenny Fay Blanc also of Lansdale. The girls are members of the Hatfield Horseshoes 4-H Club of Montgomery County.

According to County Agent Nancy Kadwill the purpose of the contest is to help teach young people ages 8-19 to develop an eye for judging horses in both halter and performance classes. Senior members must also give what is known as "oral reasons", stating why they placed horses the way they did in each class. This helps members to gain self-confidence in decision making, learn speaking skills and develop poise in front of others.

Chris Thompson of Blue Bell and Becky Roth of Collegeville members of the Central Montgomery County 4-H Horse Club, were among those riding and handling horses for the contest. Ray Gambone, manager and owner of "Our Farm", was presented a plaque of appreciation for hosting the event.

For more information on the 4-H horse program contact Nancy Kadwill at 277-0574.

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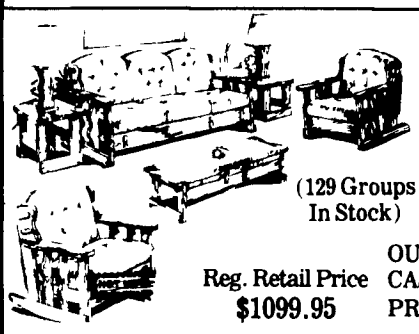

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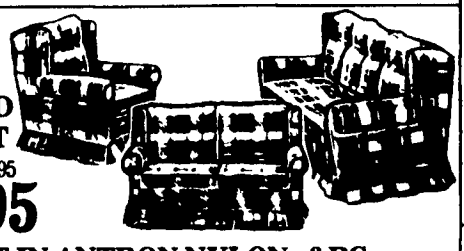

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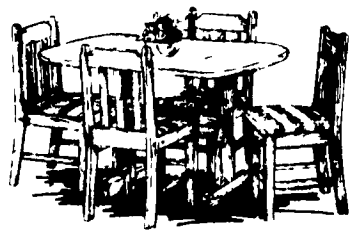

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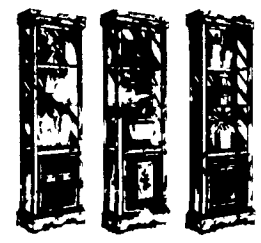

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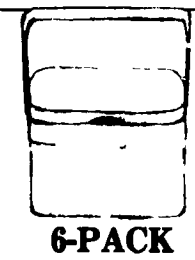

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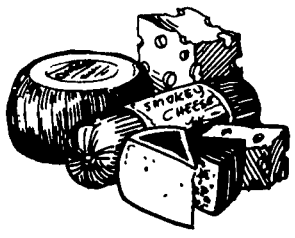
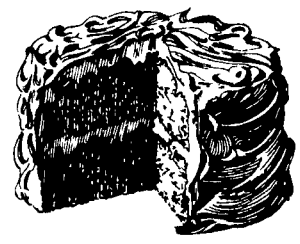


Home On The Range



July is beef month!

Think of beef and visions of thick, juicy steaks grilling over a charcoal fire come to mind. While steak may be difficult to top, beef comes in a variety of forms that provide the basis for a large number of recipes.

Try a new way with hamburger, corned beef, ribs, or roast, and enjoy the goodness of beef.

BARBECUE

2 pounds hamburger
1 onion, diced
1 can Campbell's chicken gumbo soup
2 teaspoons prepared mustard
½ cup ketchup

Brown hamburger and onion. Add all the other ingredients and simmer for ½ hour. A little salt and pepper may be added if desired.

Betty Biehl
Mertztown

OLD-FASHIONED MEAT LOAF

1 10½-ounce can tomato soup
2 pounds ground beef
½ cup fine dry bread crumbs
½ cup chopped onion
2 tablespoons chopped parsley
1 egg, slightly beaten
Little salt and pepper
¾ cup oatmeal, uncooked

Combine all ingredients; mix thoroughly. Shape firmly into loaf and place in shallow baking pan. Bake in 350°F. oven for 1 ¼ hour. Makes 8 servings.

If desired, after loaf has baked one hour, garnish top with 4 tomato slices and ½ cup shredded mild cheese. Bake 15 minutes.

Betty Biehl
Mertztown

SLOPPY JOE PIE

1 pound ground beef
½ cup chopped onion
1 8-ounce can tomato sauce
1 8-ounce can whole kernel corn, drained
¼ cup water
1 envelope (1.31 ounces) sloppy joe or chili seasoning mix
1 10-ounce can refrigerated flaky biscuits
2 tablespoons milk
⅓ cup cornmeal
4 ounces (1 cup) shredded cheddar cheese

Heat oven to 375°F. Brown ground beef and onion; drain. Stir in tomato sauce, corn, water and seasoning mix. Heat meat mixture until hot and bubbly; reduce heat and simmer while preparing crust. Separate biscuit dough into 10 biscuits; flatten slightly. Dip each in milk, then in cornmeal. Arrange 7 biscuits around sides and 3 on bottom of ungreased 9 to 10-inch pie plate; press biscuits to form crust. (Biscuits will form petal-like shape around rim of pan.) Sprinkle crust with ½ cup cheese. Spoon hot meat mixture over cheese; sprinkle with remaining cheese. Bake 20 to 25 minutes until crust is deep golden brown. Cool 5 minutes before serving. 4 to 6 servings.

BEEF CHEESE PIE

¾ pound ground beef
½ cup finely chopped onion
2 cups shredded cheese
¾ cup mayonnaise
¾ cup milk
4 teaspoons cornstarch
3 eggs
½ teaspoon salt
Pinch of pepper

Cook ground beef and onion until brown. Arrange meat mix and cheese in pie shell. Beat the rest with beater until well blended. Bake at 350°F. for 30 minutes.

PASTRY

Sift 2⅔ cups flour, ¾ teaspoon salt. Cut in 1 cup butter till mix is crumbly. Sprinkle with 7 to 8 tablespoons water. Mix with fork until dough forms.

Mrs. Gideon S. King
Leola

BEEF-ZUCCHINI 'n PEPPER KABOBS

1½ pounds beef sirloin steak or tip, cut into 1¼-inch cubes
¼ cup salad oil
⅓ cup red wine vinegar
2 teaspoons sugar
¼ teaspoon leaf oregano
Pinch of cracked black pepper
1 clove garlic, minced
3 small zucchini, cut crosswise into 1-inch pieces
2 red peppers, each cut into 12 pieces
Salt

Combine salad oil, wine vinegar, sugar, oregano, pepper and garlic in small saucepan; cook slowly 10 minutes.

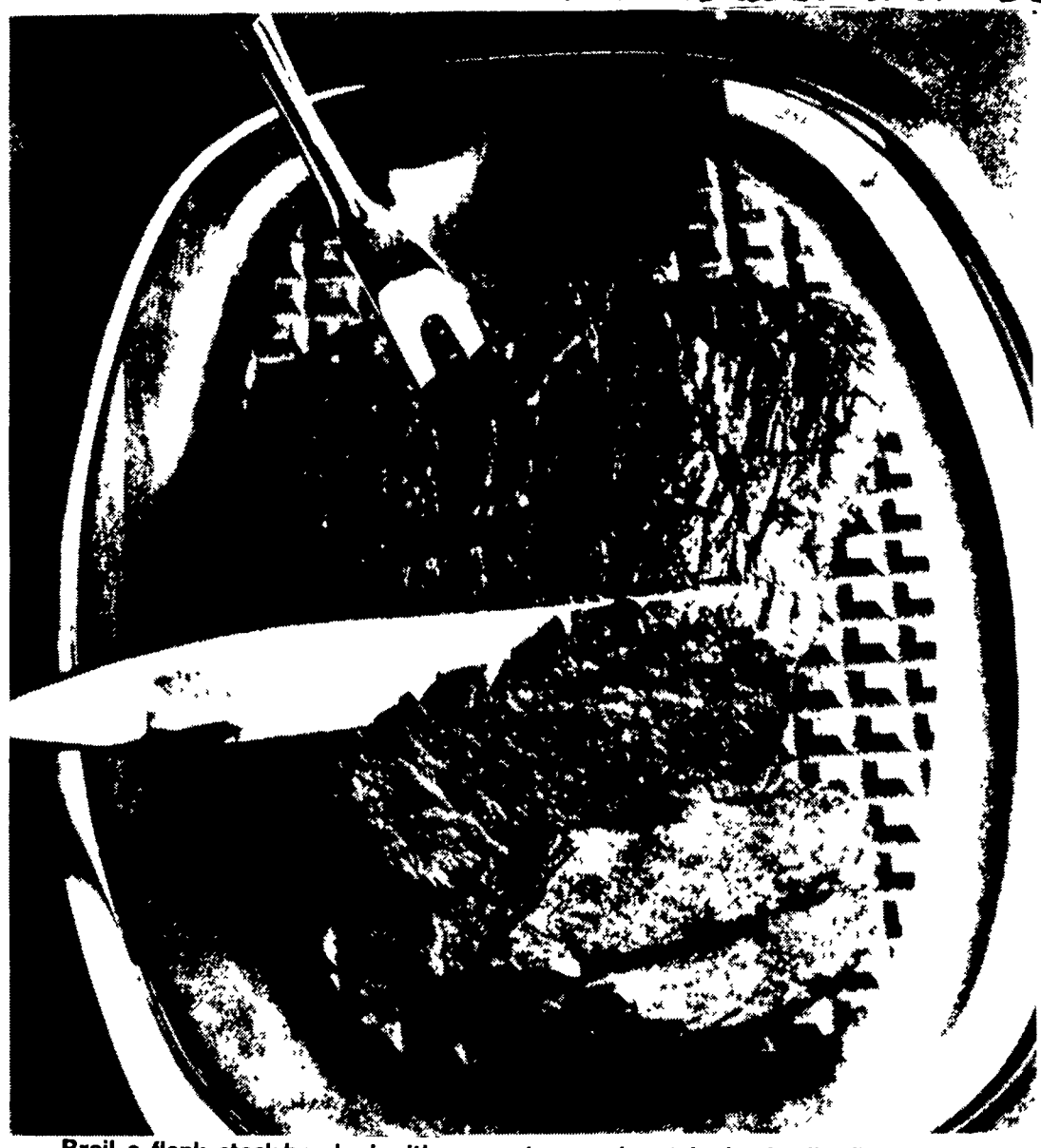
Cool. Place beef cubes and marinade in plastic bag or utility dish and marinate in refrigeratior 6 to 8 hours or overnight. Pour off and reserve marinade. Cut crosswise slits, ¼-inch apart, halfway through each piece of zucchini. Alternately thread beef cubes, red pepper and zucchini pieces on 4 skewers. Brush vegetables with marinade. Place kabobs on rack in broiler pan so surface of meat is 3 to 4 inches from heat. Broil 15 to 20 minutes, depending on doneness desired (rare or medium), turning and brushing with marinade occasionally. Season with salt. Makes 4 servings.

HAMBURG CHOWDER

1 pound hamburg
8 cups water
3 teaspoons salt
Pepper
½ cup carrots
2 cups potatoes
1 or more onions
2 cups tomatoes
½ cup celery
1 cup rice

Brown hamburg, then add other ingredients. Simmer until rice and vegetables are tender.

J. Smith
McAlisterville



Broil a flank steak brushed with seasonings and watch the family dig in with enthusiasm.

STUFFED MEAT BALLS

2 cups toasted bread cubes
2 tablespoons minced parsley
½ teaspoon salt
Dash pepper
¼ cup warm milk
2 pounds ground beef
2 10¾-ounce cans cream of mushroom soup, undiluted and divided
1 beaten egg
¼ cup chopped onion
½ cup milk

Combine 1½ cups bread cubes, parsley, salt, pepper and milk; stir well and set aside.

Combine beef, ½ cup soup, egg, onion and remaining ½ cup bread cubes. Divide into eight portions and roll each between waxed paper to about ½-inch thickness. Divide reserved bread cube mix into 8 portions and wrap meat around each portion to a smooth ball.

Place into lightly-greased baking dish and bake at 350°F. for 30 to 45 minutes or until done.

Meanwhile, combine remaining soup and milk in a saucepan and cook over low heat, stirring occasionally, until hot.

When meat balls are done and ready to serve, pour hot soup and milk sauce over them and serve 8 people.

This is fairly inexpensive but a delicious way to serve ground beef. It can be dressed up to look like a very elegant dish by garnishing with parsley sprigs and serving with asparagus or broccoli or some golden carrots. It takes leass than two hours preparation time.

Anna Udicious
Coplay

(Turn to Page B7)

This quick-to fix main dish is made with the popular ingredients of sloppy joes. The thick and chewy crust, easy to make with refrigerated biscuits, is filled with a savory sloppy joe mixture topped with cheese.

Recipe Topics

If you have recipes for the topics listed below, please share them with us. You can send your recipes to Sue Keene at Lancaster Farming, P O Box 366, Lititz, PA 17543.

August	
4	Quick 'n easy Casseroles
11	Brownies & Cookies
18	Salads

Featured Recipe

This week's featured recipe comes from Monya Trostel, Pennsylvania's 1984 Cherry Queen. A recipe that has been handed down through the generations, this cherry pudding is one of Monya's favorite ways of enjoying cherries. To learn more about Monya and her family's fruit farm, see the story about her in this section.

Cherry Pudding

2 cups granulated sugar
4 cups flour
4 teaspoons baking powder
2 cups milk
1 stick margarine (¼ pound), melted
2 eggs
3 cups cherries, fresh, canned or frozen

Combine sugar, flour and baking powder and mix until blended Add remaining ingredients and stir until well blended. Pour batter into greased and floured 13 x 9 x 2-inch baking pan. Bake at 350°F for 35 minutes. Cut in squares and serve warm in individual bowls with milk and sugar on top.

Beef month

(Continued from Page B6)

LONDON BROIL

1 tablespoon butter or margarine
2 medium onions, thinly sliced
¼ teaspoon salt
2 tablespoons salad oil
1 teaspoon lemon juice
2 cloves garlic, crushed
½ teaspoon salt
¼ teaspoon pepper
2-pound high-quality flank steak, scored

Melt butter in skillet. Cook and stir onions and ¼ teaspoon salt in butter until onions are tender. Keep warm over low heat.

Stir together salad oil, lemon juice, garlic, ½ teaspoon salt and the pepper; brush on top side of meat. Set oven control at broil and/or 550°F. Broil meat 2 to 3 inches from heat about 5 minutes or until brown. Turn meat; brush with oil mixture and broil just until rare, 5 minutes longer.

Cut meat across grain at a slanted angle into very thin slices. Serve with onions.

SOMBRERO BEEF STEAK STRIPS

2 pounds beef round steak, cut ¾ inch thick
3 tablespoons cooking fat
1 8-ounce can tomato sauce
1 16-ounce can whole kernel corn, drained
1 small onion, thinly sliced
¼ cup water
2 teaspoons chili powder
1 teaspoon ground coriander
1 teaspoon salt
1 medium green pepper, cut in 1-inch pieces
⅓ cup chili sauce
1 cup (4 ounces) shredded Monterey Jack cheese

Slice steak in thin strips , 3 to 4 inches in length. Brown strips in cooking fat; pour off drippings. Add tomato sauce, corn, onion, water, chili powder, coriander and salt; mix thoroughly. Turn mixture into a shallow 2-quart casserole or baking dish. Cover tightly and cook in a moderate oven (350°F.) for 45 minutes. Remove from oven. Stir in green pepper, top with chili sauce and sprinkle with shredded Monterey Jack cheese. Cover and continue baking 15 minutes. 6 to 8 servings.

ORIENTAL STIR-FRIED STEAK

2 to 3 pounds beef flank steak
2 tablespoons cornstarch
1 teaspoon sugar
½ teaspoon ginger
½ cup soy sauce
2 cloves garlic, minced
4 medium green peppers
4 small tomatoes
Cooking fat
Water

Partially freeze steaks to firm and slice diagonally across the grain into very thin strips. Combine cornstarch, sugar and ginger; stir in soy sauce and garlic. Pour mixture over meat and stir. Cut green peppers into thin strips and cut tomatoes into wedges. For each serving, place desired amount of marinated beef strips in 1 tablespoon hot fat and quickly brown. Remove from pan. Reduce heat; add green pepper and 1 tablespoon water to pan and cook until green pepper is tender-crisp, 5 to 6 minutes. Stir in meat and tomatoes and heat through. 4 to 5 servings.

Pa. Grange names outstanding youth

HARRISBURG — Two Grange youth were recently recognized by the Pennsylvania State Grange for outstanding leadership in the rural farm organization.

Janet Rudy of Sewickley, Allegheny County, and Keith Fleegle, of Bedford, Bedford County, were named 1984 State Grange Youth Ambassadors at State Grange Youth Camp in Camp Kanesatake, Spruce Creek, Pa. They will represent the State Grange youth throughout the year and will compete for the title of National Youth Ambassadors at the National Grange Session in Portland, Maine, in November.

These individuals were selected on the basis of their public speaking ability, presence and overall knowledge of the workings of the Grange, as well as their own involvement in the grange and other activities. During camp, they were given a written and oral test in order to judge their abilities to serve as spokespersons for the Grange Youth.

Rudy, 19, is a graduate of Quaker Valley High School and is presently majoring in accounting and finance at the Robert Morris College. She has been a member of Mt. Nebo Grange in Allegheny County for six years and a member of the Junior Grange for several years before that.

Fleegle, 18, is a five-year member of Bedford Grange and a former Junior Grange member. The Bedford High School graduate plans to attend California Grange next year to study industrial arts.

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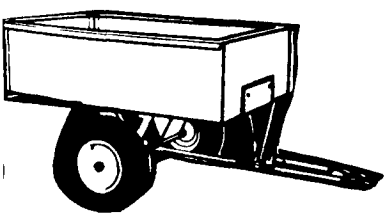

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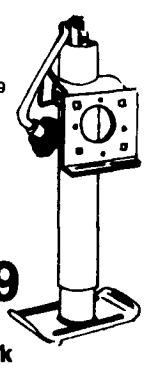

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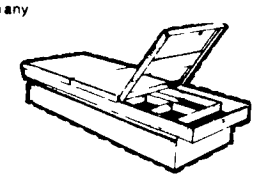

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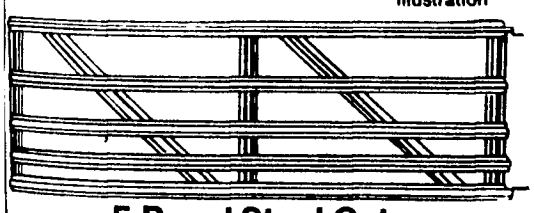

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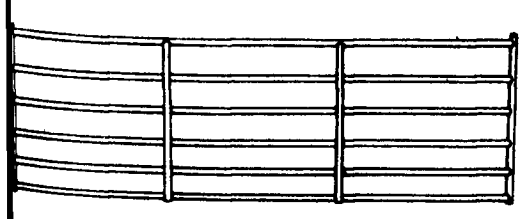

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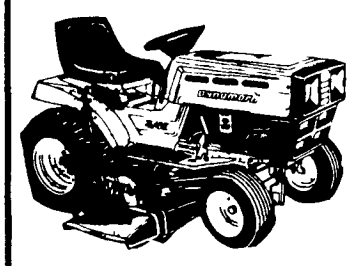

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Susquehanna County's Dairy Princess is Karen Beth Graham

NORTH JACKSON — Karen Beth Graham was recently selected 1984 Susquehanna County Dairy Princess during Dairy Day festivities held at the Hallside Farm, North Jackson.

Beth is the 18-year-old daughter of Ednita and Reginald Graham, R3 Susquehanna. She is a 1984 graduate of Blue Ridge High School, where she was a library aide and participated in a student work/study program.

Beth is vice-president of the North Jackson 4-H Ag Club and represented her church at a Church Conference. Her family has 40 Holstein cows and 15 heifers. She plans to attend Bay Path Junior College in the fall to become an executive secretary.

Alternate Dairy Princess is Juliet Squier, the daughter of Frank and Marilyn Squier, R2 Nicholson. Other contestants in the pageant were: Kimberly Ann Malina, the daughter of Russell Malina, R1 Hop Bottom; Joanne Polovitch, daughter of Mr. and Mrs. Joseph Polovitch, R1 Hop Bottom; and Cara Denise Quick, daughter of Marilyn and David Quick, Rushville.

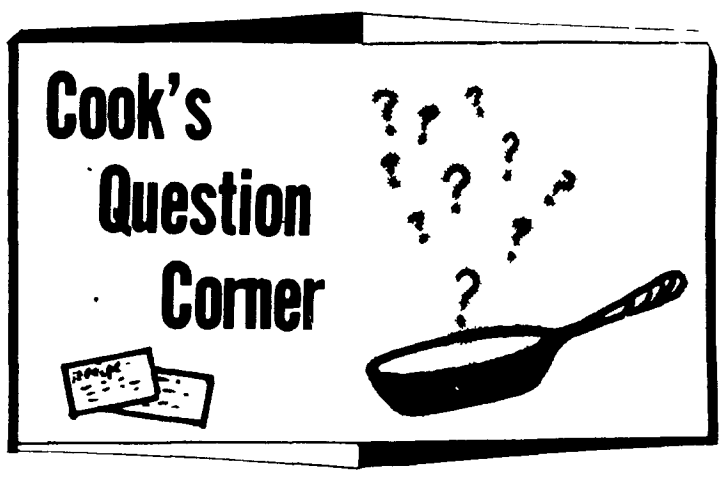
Earlier in the day, the Dairy Day celebration began with a milk container boat race. Participation in the race was by invitation only to non-profit youth groups. The nine groups entered, raced their unusual crafts constructed entirely of milk cartons and jugs across a pond.

Menno's Ark was the first across the finish line and took first prize. Awana's Shipmates took both second prize for being the "prettiest" and third prize for using the most milk containers. Fourth place winner was the Cosmic Cow, which was judged most unusual. The Dairy Queen was fifth, the Deckertown Boat was sixth and the Milky Way I was seventh. Two boats, the Presbyterian Coastguard and the Milky Way II, tied for the Titanic Award for "sinking with the most class."

Judges for the event were Donald Hibbard, Cecil Rose and John Mazda.

Karen Beth Graham was recently named 1984 Susquehanna County Dairy Princess.

Ken Schmidt won the milk drinking contest that was part of the celebration by downing nine pints of milk in five minutes.



ANSWER - Mary Winters, Elizabethtown, requested a recipe for canning hot peppers. Thanks go to Martha Martin, Ephrata, for sharing her recipe.

Hot Peppers

1 tsp salt to each quart	1 quart water
1 pinch allspice, ground	Pinch of alum
1 clove garlic	1 teaspoon Wesson oil
1 pint vinegar	to each quart

Mix, boil and pour over peppers and seal.

ANSWER - Lois Zechman asked for a recipe for deep-fried or batter-fried cauliflower and one for pickled cauliflower. Thanks go to Verna Alleman, Lititz, for sharing both her recipes.

Deep-fried Cauliflower

1 cup flour	½ teaspoon salt

Mix.

1 slightly beaten egg	1 tablespoon salad oil
1 cup milk	

Combine and add gradually to flour and salt, beating until smooth. Dip cauliflower into batter. Fry 3 to 4 minutes. Drain on paper towel.

Pickled Cauliflower

Put one head of flowerets in bowl and sprinkle one teaspoon salt over them. Let stand two hours; rinse. Bring to boil and simmer two hours:

1 cup wine vinegar	1 tablespoon mustard seed
1 cup water	½ teaspoon dried tarragon
½ cup brown sugar	¼ teaspoon celery seed
¼ teaspoon ground mace	

Add cauliflower. Remove from heat. Serve cold. Keeps two weeks in refrigerator. Can pack in jars if desired. This recipe also good for carrots, green beans or cucumbers.

QUESTION - Verna Alleman, Lititz, would like a recipe that is easy to freeze pickles using cucumbers from her garden.

QUESTION - Ruth Martin, Lititz, would like a recipe for a sweet Gerkins pickle.

QUESTION - Sue Sharp, Mifflintown, is still looking for a recipe for peanut butter woopie pies.

QUESTION - Laura England, Lancaster, is still looking for a creamy potato soup recipe.

Extension offers home canning update

NORRISTOWN — Food manufacturers take a lot of care to be sure the products they put on the market are safe. You should use the same care in your home canning. Never use untested canning recipes or unrecommended canning methods when processing your home-grown food.

The Penn State Extension Service has just released a new publication "How To Can Food The Right Way". It covers all aspects of home canning from equipment and processing times to pickles and jellies.

The new canning book is available for $3. To receive your copy, stop by the Extension Office at 400 Markley Street, Norristown, Pennsylvania 19401 or send a check and the book will be sent to you.

For more information, contact the Extension office at 277-0574.

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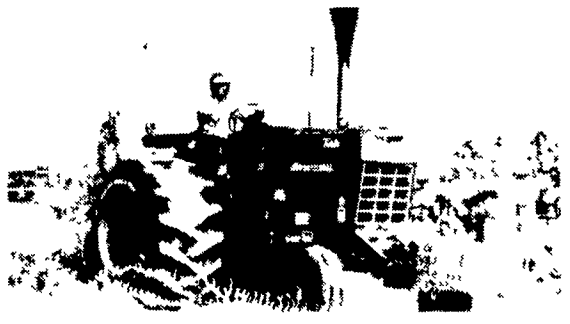

AUGUST 3 & 4, 1984 at 7 p.m.

JERRY HART - 1982 N.E.P.P. Super Stock of the Year (Photo by Woody Hatten)

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7200 Mod
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Four to compete for Poultry Queen

LANCASTER — Four girls will compete for the Lancaster County Poultry Queen title at 6:15 p.m. on Friday, August 3 at the Farm and Home Center.

Vying for the title are:

• Margaret Herr, the daughter of Robert D. and Betty W. Herr of R2 Narvon. Margaret will be a senior at Garden Spot High School, where she has been active in track and on the honor roll.

Margaret has also been very active in FFA. She is currently county FFA president and chapter treasurer. She has also been involved in livestock and poultry judging, and has placed third in the state in public speaking.

Following graduation from high school, she plans to attend Penn State University to major in agriculture.

In her free time, Margaret likes to read and work with her livestock.

Margaret has raised poultry on their farm and her mother works for Victor F. Weaver, Inc.

• Tracy Lynne Prinz, the daughter of Charles and Donna Prinz, 255 Boomerang Drive. Tracy will be entering her senior year in high school this fall. During high school she has been sophomore class secretary, president of the student council, and has written for the school newspaper She was also on the field hockey team and the honor roll.

She is considering attending college, and is looking at Goshen or Temple University. In her spare time, she teaches dance, and enjoys listening to classical music and writing poems.

Tracy's father is employed as a photographer for Victor F. Weaver.

Margaret Herr

Denise Mumma

Tracy Prinz

Gwen Yoder

• Denise Mumma, the daughter of Clay and Hilma Mumma, R1 Mount Joy.

Denise will be a senior at Donegal High School this fall, where she has been soccer statistician, an member of the National Honor Society and prom committee. She has also been class secretary, a band front majorette and a member of student council.

Following graduation she plans to attend a four-year college for paralegal or business management.

Denise enjoys aerobics, twirling, reading, and sports. Her parents are both representatives of the broiler and layer industry.

• Gwendolyn Yoder, the daughter of Vernon and Barbara Yoder, R1 Christiana. Gwen is a 1983 graduate of Lancaster Mennonite High School, where she was a class secretary and a member of the student council and chorus. She also played basketball and softball.

Gwen currently is employed by Yoder's Country Market. She enjoys cooking, basketball, tennis, volleyball and crossword puzzles.

For the past 10 years Gwen has been gathering eggs from the family's 15,000 laying hens.

Proper diet can help reduce migranes

MEDIA — Some sufferers of migraine headaches may find that relief is spelled D-I-E-T! As many as twenty-five percent of migraines may be due to dietary factors, says Greta C. Vairo, extension home economist with the Penn State Extension Service. Controlling these migraines may be as simple as eliminating certain foods from the diet and changing food habits.

A migraine is a periodic headache noted for severe pain on one side of the head, nausea, dissiness, and other unpleasant symptoms. It occurs when blood vessels in the brain become temporarily over-enlarged. Scientists believe that the disorder which causes migraines is inherited . . . but they don't know exactly why it occurs.

A migraine attack is thought to be triggered by such factors as stress, fatigue, exposure to bright light, oral contraceptive use and menstration . . . as well as diet. Food may be involved by causing an allergic reaction or by introducing chemicals into the body that affect blood pressure.

Food is known to cause other types of allergies . . . for instance, hives can be caused by strawberries. In the case of migraines, it is simply the brain which becomes the target of the allergy rather than another part of the body. A number of foods...such as chocolate, wheat, citrus fruits, tea, and coffee, have been mentioned as possibly causing allergy related migraines. However, none have been proven a cause of migraine, and many scientists believe more research should be done.

If you suffer from migraines and feel that food may be a factor in causing them . . . talk to your allergist and a registered dietitian. Migraine sufferers appear to vary a great deal in their sensitivity to foods and beverages.

LEBANON AREA

FAIR Days

AUGUST 5-11, 1984

2 Miles South of
Lebanon Plaza -
Cornwall & Evergreen Roads

SCHEDULE OF EVENTS:

Sunday, AUGUST 5th
- 4-H Horse and Pony Show 9 a.m.
- Ham Bar-B-Q 11:30 a.m. to 2:00 p.m. $4.00
- Judge Rabbits and Cavies - 1:30 p.m.
- Music by Centurions - 12:00 p.m. to 1:30 p.m.

Monday, AUGUST 6th
- Judge Dairy Goats - 3:30 p.m.
- County Tractor Pull - 7:00 p.m. - $2.50 Admission
- Blue Grass 8:00 p.m. to 11:00 p.m.

Tuesday, AUGUST 7th
- 4-H and FFA Dairy Show - 9:00 a.m.
- Dog Obedience and Pet Shows - 6:00 p.m.
- Farmers' and Dairy Night (Cow Milking, Calf Dressing, Bale Throw, Wheelbarrow Race, Tug of War.)
- Cake Auction - 8:30 p.m.

Wednesday, AUGUST 8th
- Judge Livestock - 9:30 a.m. Swine, 1:30 p.m. Beef, 5:30 p.m. Sheep
- County Big Wheel Race - 7:00 p.m. (Ages 4 and under, 5-6-7)
- Square Dance - 8:00 p.m. to 11:00 p.m. Dave Kreider

Thursday, AUGUST 9th
- FREE ADMISSION AND PARKING
- Open Dairy Show - 9:00 a.m.
- Chicken Bar-B-Q - 2:00 p.m. to 8:00 p.m. $4.00
- County Lawn and Garden Tractor Pull - 7:00 p.m.
- 4-H Auction - 7:30 p.m.

Friday, AUGUST 10th
- Judge 4-H and FFA Dairy Fitting and Showmanship 9:00 a.m.
- State Tractor Pull, Class B and 4-Wheel Drive Truck Competition - 7:00 p.m. $4.00 Admission. Children under 12 free.
- Together Again Band - 7:30 p.m. to 10:30 p.m.
- John Batz Music for all Occasions.

Saturday, AUGUST 11th
- FREE ADMISSION AND PARKING
- 4-H Market Hog, Sheep and Steer Sale- 1:00 p.m.
- Demolition Derby Followed by Fireworks - 7:00 p.m. $4.00 Admission

PARKING $1.00 Per Car
ADMISSION - $1.00 Per Person 12 & Over
SENIOR CITIZEN FREE WITH I.D. CARD
This pertains to Monday, Tuesday, Wednesday & Friday

Kid's Korner

Mysterious Nazca lines explained by water-fertility cult theory

WASHINGTON — A new theory has been advanced to explain one of archeology's most intriguing riddles: Why were the Nazca lines formed in southern Peru hundreds of years ago?

The lines, which cover hundreds of miles of arid plateau, have been attributed to a coastal people called the Nazca, who lived there between 100 B.C. and A.D. 700.

Johan G. Reinhard, an American anthropologist and mountain climber who has lived in South America for the last four years, thinks the lines were made to honor gods thought to live in the nearby mountains. They supposedly controlled the water supply in the area and the fertility of crops and animal herds.

"To the Nazca people, ceremonies worshipping these gods must have been of prime importance," says Reinhard. "Mountains to the east were critical to agriculture, a mainstay of the economy."

Based on Fact

The anthropologist points out that the belief had a sound ecological basis, because mountains do influence weather and are the sources of many streams and rivers upon which harvests and animals rely.

"This also explains why mountain worship is still common throughout the Andes and was prevalent among Incas at the time of the Spanish Conquest," he says.

People of the region still practice the water-fertility cult. Exploring the summit of Cerro Blanco, one of the mountains near the lines, Reinhard recently found offerings of cotton plants and river stones near the summit. The cotton was meant to increase crops, the river stones the water supply for the fields.

Reinhard, whose work, is partially funded by the National Geographic Society, feels that almost all the ancient Nazca figures found on the desert floor fit in with a water-fertility cult in one way or another. For instance, the image of a giant spider was probably made because the insect was associated with rain.

The birds could all be linked in one way or another with mountain gods, and the monkey, he points out, has been considered a protector of water.

Bird's-eye View

Why were the animal figures visible only from the air? So they could be easily viewed by the mountain gods or their winged emissaries, Reinhard believes.

As for the straight lines, Reinhard thinks they served as sacred paths to places where fertility rituals were performed, or, in the case of shorter lines and large triangles, they denoted symbolic connectors with sources of water.

He points out that the oscillating or spiral forms were symbols for water and the zigzag markings might represent either rivers or lightning.

"In the case of phenomena so complex and little known as the geoglyphs at Nazca, we will doubtless never be able to completely understand their meanings," cautions Reinhard.

A giant 150-foot-long spider — one of the many Nazca lines etched in the sands of southern Peru — is clearly visible from the air. Probably made about 2,000 years ago by a coastal people known as the Nazcas, the lines, which cover hundreds of square miles, range from animal figures to elaborate geometric designs. Johan G. Reinhard, an American anthropologist, believes they were made as part of a water and fertility cult associated with mountain deities.

Machu Picchu — 8,000-foot-high citadel of the ancient Incas — hangs on a mountainside in Peru. Since the discovery of Machu Picchu in 1911, scientists have speculated about its function in Inca society. A new hypothesis suggests that it was built not only for strategic reasons, but as a place to worship mountain gods. All of the major peaks around Machu Picchu were considered sacred by the Incas and are still worshiped by their Peruvian descendants.

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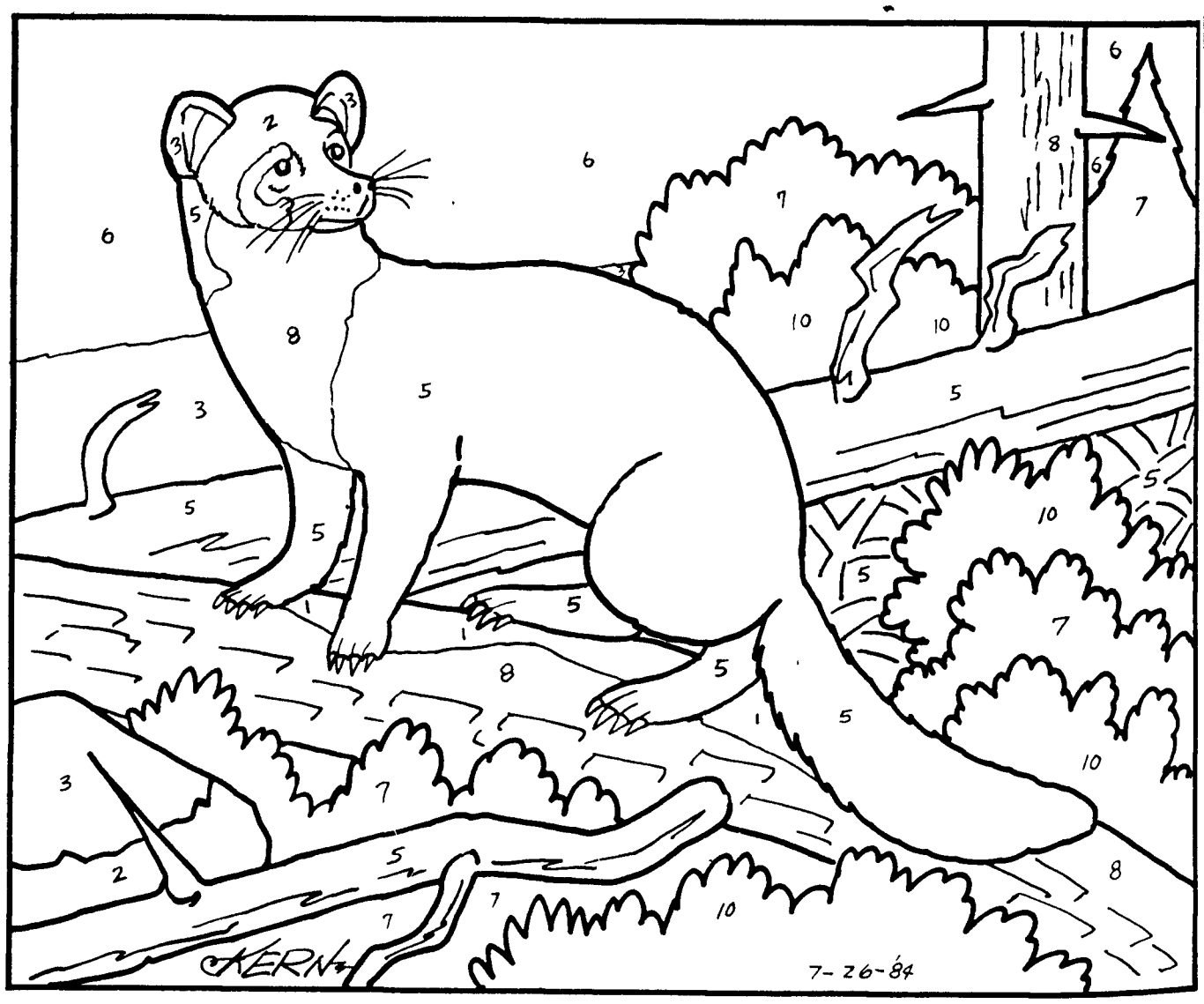
2.	DK. GREY	7.	GREEN
3.	LT. GREY	8.	LT. BROWN
4.	BLUE	9.	LT. BLUE
5.	BROWN	10.	LT. GREEN

MARTENS *ARE A CLOSE RELATIVE OF THE FISHER. THEY HUNT BIRDS, SQUIRRELS, AND RABBITS. MARTENS ARE SOMETIMES CALLED SABLES. THEIR FUR IS PRIZED VERY HIGHLY. SOME ANIMALS HAVE BEEN RAISED IN CAPTIVITY. MARTENS NEST IN THE HOLLOW OF A TREE WHERE TWO OR FOUR YOUNG ARE BORN IN THE SPRING. BY FALL THEY ARE ON THEIR OWN.*



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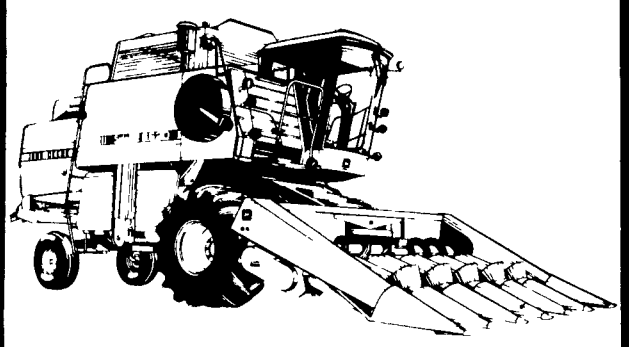

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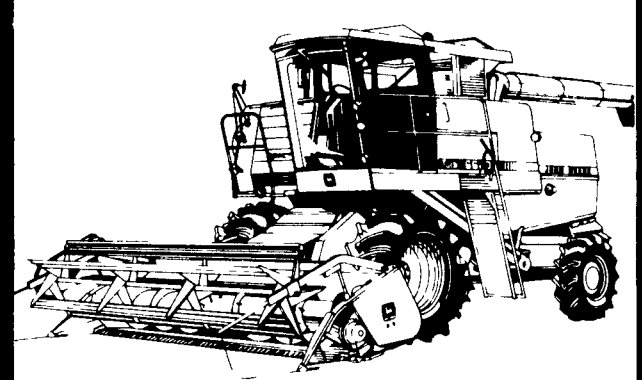

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This quilt, entered in the Antique division by Phylis Martin, was one of the oldest displayed in the show. Winning second place in its division, the over 100-year-old quilt was donated to the Baldwin-Reynolds Home, where many antique items are displayed for public viewing. Miss Francess Allen, show coordinator, and committee member Mildred Stevenson, display the quilt.

Summer Quilt Exhibit attracts old and new

BY BARBARA RADER
Staff Correspondent

CONNEAUT LAKE — The third Summer Quilt Exhibit held at the High Street Community Church, Conneaut Lake, attracted a total of 74 quilts, both new and old. The church pews and basement were filled with the quilts, which represented thousands of hours of hand and machine work, during the three-day event.

Taking first places in the eight divisions were: Applique - Mary Weaver, Atlantic, with "Dogwood Blossom;" Embroidery - Mary Alice Monda, Meadville, with "Love bird and heart;" Patchwork - Thelma Patton, Sagertown, with "Mohawk Trail;" Quilting - Jane Merritt with "The Original;" Baby Quilts - Mary Jo Johnson, Conneaut Lake, with "Antique Baby Quilt;" Cross Stitch - Edith King, Conneaut Lake, with "Flying Squares;" and Novelty - Barbara McCann, Conneaut Lake, with "Friendship Quilt."

Each quilt could be entered in only one category if employing multiple techniques, and exhibitors could enter up to five quilts.

The second-place antique quilt exhibited by Phylis Martin, Conneaut Lake, will be given to the Baldwin-Reynolds Home, Meadville, a home filled with antiques for public viewing. "The Star of Bethlehem" was believed to be one of the oldest quilts on display during the show.

Other quilt patterns entered in the show included, Wedding Ring, Log Cabin, Grandmother's Fan, Around the World, Ocean Wave, Eight Point Star and Weathervain.

Judges for the event were Gwen Kaltoft, Conneaut Lake, a teacher at Meadville Vo-Tech, and Helena Hartshorne, Meadville, a retired teacher in the Meadville School District.

Cash awards were given to all first-place winners. Second, third and honorable mentions in each category received quilting books.

Highlighting the show were 24 antique samplers displayed by Mrs. David Johnson, Conneaut Lake, who presented a unique talk about each of the samplers bearing many different stitches. The earliest dated sampler was 1704 and many of the others were made by young girls who were taught by their mothers or dames.

Planning committee members are: Frances Allen, Anna Capehart, Dorothy Hanks, Kathryn Keppel, Theodory Roberts, and Mildred Stevenson, all of Conneaut Lake. The committee say they were pleased with the showing, adding that some people traveled over 100 miles to see the exhibit.

Quilts, not people, filled the pews at the High Street Community Church, Conneaut Lake, during the recent third annual Summer Quilt Exhibit.

Townsend shows grand champion at 4-H dairy goat show

TIMONIUM, Md. — Baltimore County 4-H'ers competed for top honors at the Baltimore County 4-H Dairy Goat Show held Thursday, July 12 at the Maryland State Fairgrounds in Timonium.

Steven Townsend showed the overall grand champion, while overall reserve grand champion went to Kirsten Peruzovic.

Steven also had the grand champion Nubian. Reserve champion Nubian went to Greg Kadec. Grand champion grades also went to Steven, with reserve going to Kristine Heston.

In showing and fitting competition, Kristine Heston was named overall champion and senior champion. Steven Townsend was named junior champion.

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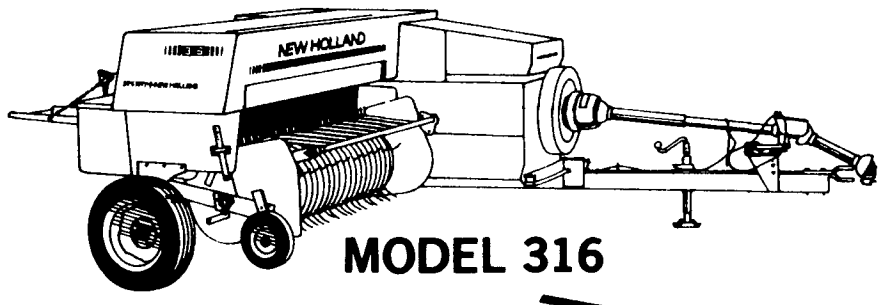

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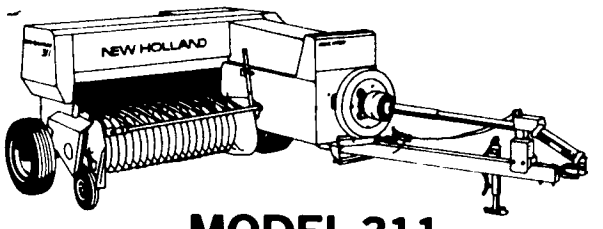

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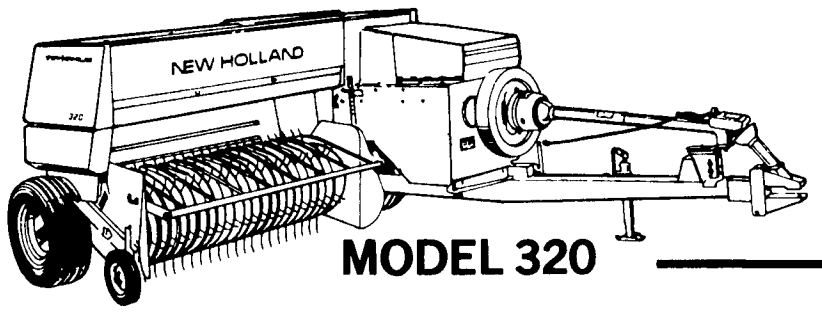

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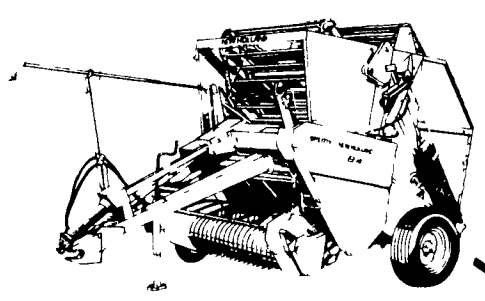

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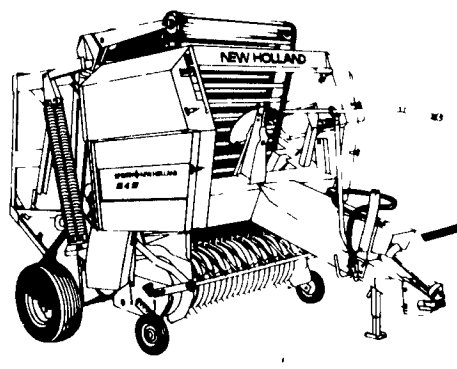

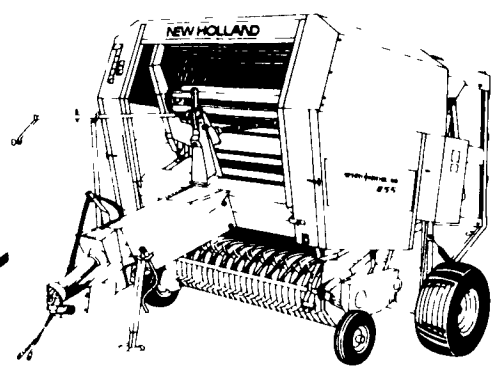

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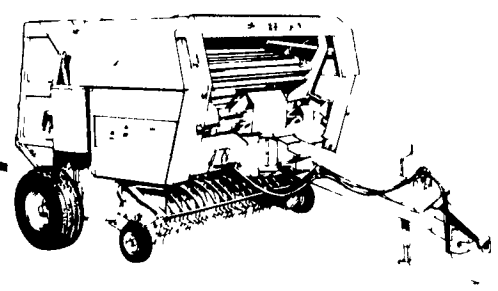

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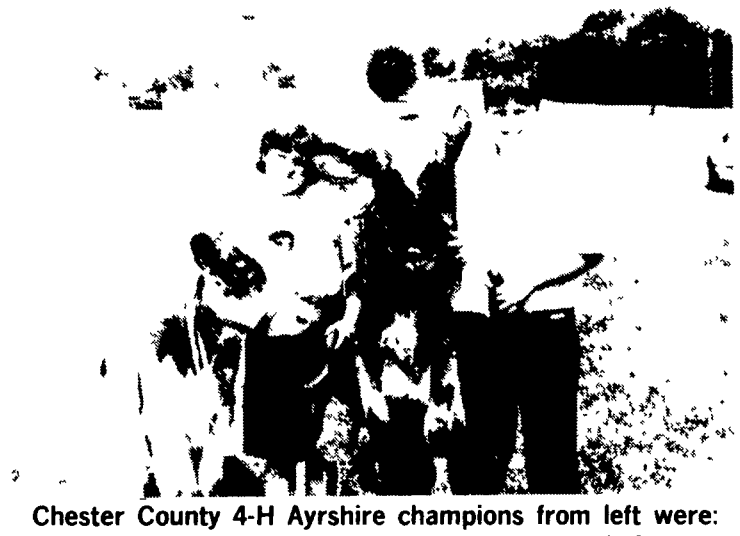
4-H'ers compete in Chester County Dairy Round-Up

4-H Jersey champions were from left: Elizabeth Jenkins, reserve junior champion; Ken Darlington, holding Helen McCahon's junior champion yearling; Helen McCahon, reserve grand champion; and Anna Uhlman, grand champion.



Chester County 4-H Ayrshire champions from left were: Melissa Edwards, reserve grand champion; and Charles Young, grand champion.

Kelly Huzzard, left, was selected reserve champion junior showman and fitter and Lauri Hicks, right, was junior champion showman and fitter.

KIMBERTON — Under the skinny skies of Kimberton Fair grounds, 4-H members from five Chester County dairy clubs proudly showed over 90 animals, vying for ribbons in type, showmanship and fitting.

The contest began about 9 a.m. on Saturday, July 14 with two rings being judged concurrently. Judges for type were Carl Yoder of Elverson and Billy Jo Heath of Maryland. Judging showmanship and fitting were Jane Pepple of Oxford, and Clyde Myers, extension agent in Berks County.

The senior showman and fitter champion was Anna Uhlman, showing a three-year-old Jersey cow. The reserve champion senior showman and fitter was Rodney Griest, showing a senior two-year-old Holstein. Junior showmanship and fitter champion went to Lauri Hicks and her senior yearling Holstein, while junior showmanship and fitter reserve champion honors went to Kelly Huzzard and her junior two-year-old Holstein. Andrew Mast won first year champion fitter, while Megan Burnett took first year reserve champion showman and reserve champion showman respectively.

Type judging was very competitive, with Michael Hohl taking grand champion Holstein honors with his senior two-year-old Glenmoore Sexation Bo. Reserve grand champion Holstein went to Phillip Stoltzfus with his five-year-old cow. Mike took senior champion honors, while Phillip took senior reserve champion Holstein honors. Junior champion Holstein went to Lauri Hicks and Daniel Horning took reserve junior champion Holstein.

Ayrshire competition saw Charles Young take grand champion and Senior Champion awards with his senior two-year-old, while Melissa Edwards took reserve grand champion and junior champion honors with her intermediate calf. Reserve senior champion went to Charles Young.

In the Guernsey competition, grand champion and senior champion honors went to Noel Scheib with her junior two-year-old. Reserve grand champion and junior champion went to Noel Scheib with her senior calf. Reserve junior champion Guernsey awards went to George E Renkert with his senior yearling.

Grand champion and senior champion Jersey honors went to Anna Uhlman and her three-year-old cow. Reserve grand champion and reserve senior champion Jersey honors were taken by Helen McCahon with her five-year-old cow Helen also took junior champion Jersey with her senior yearling, while Elizabeth Jenkins and her junior yearling captured reserve junior champion Jersey honors.

Holstein champions were from left: Daniel Horning, reserve junior champion; Lauri Hicks, junior champion; Phillip Stoltzfus, reserve grand champion; and Michael Hohl, grand champion.

Guernsey winners from left were: George Renkert, junior champion; Rebecca Weinstock, holding Noel Scheib's reserve grand champion, and Noel Scheib, grand champion.

Rodney Griest, left, won reserve senior showman and fitter, and Anna Uhlman, right, won senior showman and fitter.

York 4-H'ers compete for sewing honors at Fashion Revue

YORK — Sixty York County 4-H'ers competed for top honors at the county's annual Fashion Revue, held at the York County 4-H Center on July 19.

During the day the girls attended workshops offered to help them prepare for the regional event Michelle Rodgers presented a workshop on "Accessories," and Brenda Walters gave one on "Hair Care and Grooming."

Selected to advance to regional competition were: seniors - Lindy Feeser, Hanover; Julie Maust, Hanover; Ellen Bentzel, Thomasville; Debra Wolf, Thomasville; Sue Eisenhart, Thomasville; Christine Wolf, Thomasville; Janet Hoke, Hayshire; and Susan Marsteller, Stewartstown.

Juniors selected were: Julie Fix, Glen Rock; Laura Duryea, Glen Rock; Jennifer Hotchkiss, Davidsburg; Kim Ferrence, Stoverstown; and Jenny Jeffries, Airville.

Extension home economist Joanne Lamberson presented a workshop on "Treats from your Blender" for parents and guests.

Judges for the event were: Juniors - Helen Spangler and Peg Frey. Seniors - Diane Moyer and Adele Rosem.

Senior winners in York County's Fashion Revue are seated from left: Christine Wolf, Debra Wolf, Susan Marsteller and Janet Hoke. Standing from left are: Ellen Bentzel, Julie Maust, Lindy Feeser and Sue Eisenhart.

Junior winners in York County's Fashion Revue are from left: Laura Duryea, Jennifer Hotchkiss, Kim Ferrence, Jenny Jeffries, and Julie Fix.

Ladies Have You Heard?

By Doris Thomas

Lancaster Extension Home Economist

Safety Of Accidentally Thawed Food

If your freezer stops, accidentally thawed meats, poultry, fish, vegetables, and mixed dishes should be your first concern. These foods have a far greater risk of causing food-borne illness when accidentally thawed than do fruits and baked goods.

Two factors — temperature of the product and how long it has been thawing — are important in determining whether accidentally thawed meat, fish and poultry are safe to eat. Food that registers 40° F or below is generally considered safe If the food contains ice crystals it is probably safe for cooking or refreezing. But don't expect the food to possess the quality it had before thawing. If you do refreeze the food try to use it fairly soon.

If the food has an off-odor before or during cooking, spoilage has probably set in. Spoilage bacteria can grow at a temperature of 40° F, but the rate of growth is low. It is when foods are at a temperature above 40° F, for a few hours that the risk of poisoning sets in. Some bacteria double in number every 15 to 30 minutes in warmer temperatures.

The two types of bacteria responsible for most food-borne illness are Salmonellae and Staphlococcus aureus. Salmonellae can be destroyed by cooking food to an internal temperature at 165° F. However, toxins or poisons produced by Staphlococcus aureus are not destroyed by heat.

To be on the safe side, keep perishable food and especially thawed, frozen foods below 40° F to prevent bacterial growth and potential food spoilage or food-borne illness.

Selecting Quality Produce

"Stop, Look, and Listen" is good advice for little folks learning to venture across the street and it's equally good advice for consumers learning to select top quality fruit and vegetables.

"Stop" at a farmer's market, roadside stand or produce counter displaying abundant supplies of home-grown produce and then look at individual items to tell quality or listen to the sounds they make.

"Listen" is the key word when choosing green or yellow snap beans; in fact, snap one to be sure. Fresh looking beans of good quality will be crisp and tender and will snap loud enough to be heard when broken between the fingers. Notice, too, that the name is snap beans . . . not string beans. Today's green and yellow beans have no string because plant breeders have now developed stringless bean varieties.

"Look" is the key word when choosing most other fresh fruits and vegetables. When choosing peaches, appearance is the best clue to quality. Pinching for ripeness only causes damage. Look at the background color to judge ripeness. Most mid- and late-season peaches should have a golden yellow cast under the red blush. Your best bet is to pass up peaches with a green shade beneath a red blush.

Green is the right color when choosing peppers. Look for peppers with a medium to dark green color, a glossy sheen, relatively heavy weight for the size, with firm sides. Incidentally, these red peppers you sometimes see now in the store are just fully matured green peppers and peppers are sweet, not hot.

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Sewing expert to give seminar at Farm and Home Center

LANCASTER — Marjorie Arch Burns, one of the nation's outstanding authorities on home sewing and fashions, will present a one-day seminar in the auditorium of the Farm and Home Center, 1383 Arcadia Road, Lancaster on Tuesday, August 21, from 9 a.m. to 3:30 p.m.

In her presentation, Burns will provide an update on fashion and sewing trends, details currently being used by noted designers, accessories to add your wardrobe so it looks new, plus many ideas and secrets for simple and successful sewing of all types of garments. She will also give a special presentation of the world's best and most professional time-saving techniques she knows.

The seminar is sponsored by the Lancaster County Cooperative Extension Service, which is an affirmative action, equal opportunity educational institution. Fee for the seminar is $15 and includes lunch. To register send your check, made payable to the Agricultural Extension Service, to Doris W. Thomas, Extension Home Economist, 1383 Arcadia Road, Lancaster, PA 17601.

Marjorie Arch Burns

Marjorie Arch Burns is independent. She does not represent any company in the sewing industry; therefore, she is free to express her own benefits about what is best on the market today. With her wealth of experience as an educator, speaker, author, and sewing expert she is truly the number one authority on sewing in America today.

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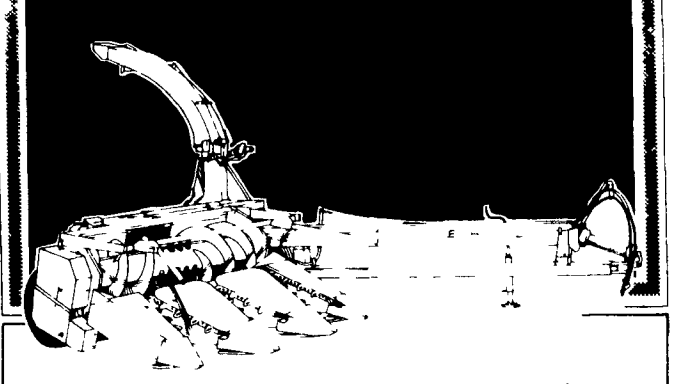

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Penn State Dairy Science Club ranks Number 1

UNIVERSITY PARK — Competing against a field of 20, the Penn State Dairy Science Club recently tied for number one club in the United States during the American Dairy Science Association (ADSA) annual meeting at College Station, Texas.

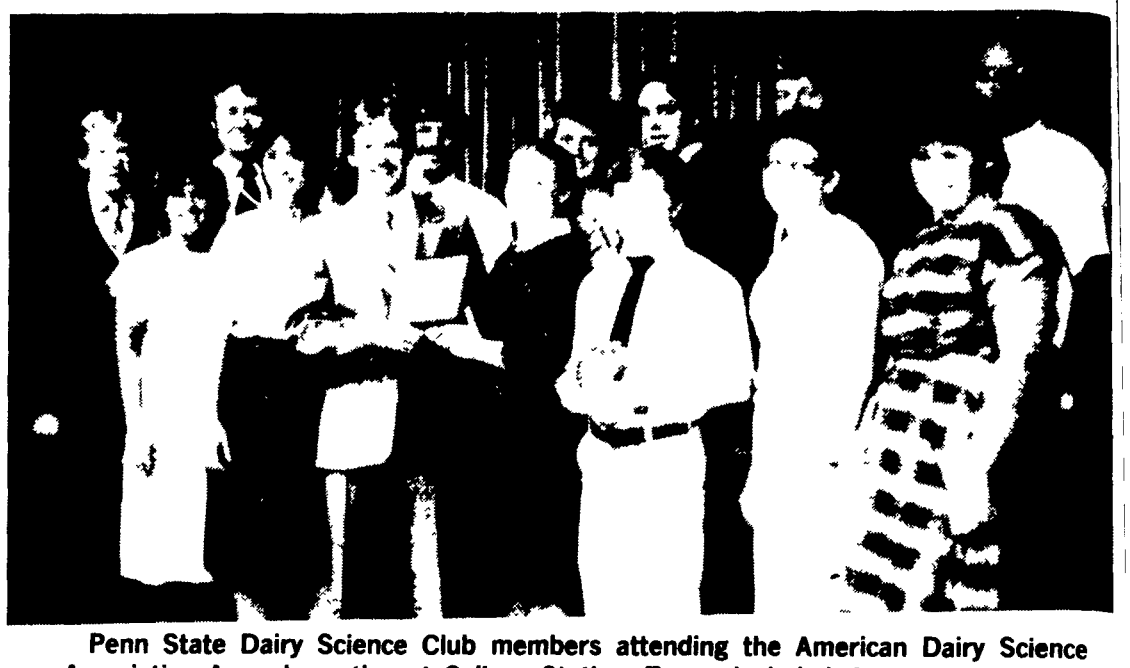
An active organization, the Penn State club sponsors several activities throughout the year, including a Christmas cheese box sale, a Dairy Day at the Nittany Mall, spring dairy judging contest and the annual Dairy Expostion. The newest club activity is the cosponsorship of the Nittany Lion Fall Classic, a consignment sale scheduled for Nov. 2, in the Ag Arena at Penn State.

Penn State received its outstanding club ranking based on club activities and a display and participation at the ADSA annual meeting.

In addition to the club's recognition, several individual members were honored. Kim Kriebel, Millerstown, was elected officer-at-large of the ADSA student affiliate chapter. William Zollers, Mertztown, received a $1,000 scholarship from Scott Paper Towel, and nine club members were recognized for superior scholastic achievement.

Also, Phil Taylor, Cranesville, served as a national officer this past year, and Dr. Larry Muller, club advisor, completed his three-year term as advisor to the national student group.

Twelve Penn State students and two advisors attended the ADSA meeting.



Penn State Dairy Science Club members attending the American Dairy Science Association Annual meeting at College Station, Texas, included, front row from left, Annette Shirey, Kris Shive, Phil Taylor, Marcia Minor, Craig Williams, Norma Lash and Suzy Voight; back row from left, Gary Fink, club advisor Dr. Larry Muller, Ernie Gelsinger, Kim Kriebel, Tom Roth, Larry Brown and club advisor Dr. Tom Sweeney.

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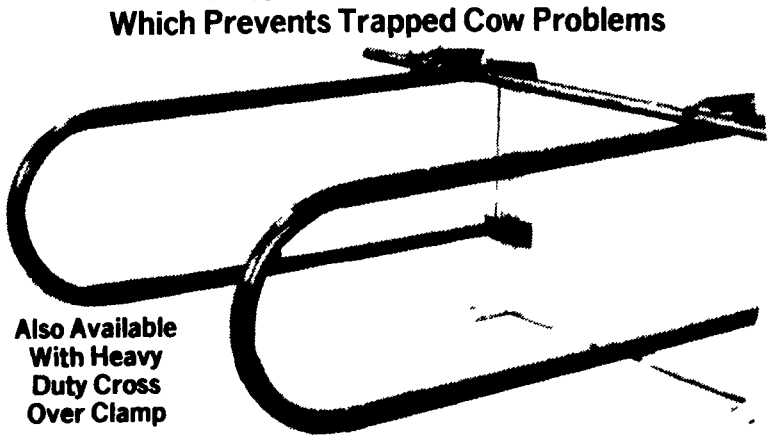

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Ida's Notebook

Ida Risser

This article is being written from Old Town in central Maine. We are visiting our son for a few days and hope to do some fishing after we get a non-resident license.

Actually, this vacation was my husband's idea as it was the only time that he felt that he could leave the farm. The second crop of 1800 bales of alfalfa is in the barn and about a dozen cows are not due to freshen until August.

We drove over 500 miles the first day and didn't arrive at our motel in White River Junction, Vermont until 11 p.m. We drove and drove through winding roads in heavily-wooded mountains. Most of the day we had showers, but in the afternoon we had to drive through a heavy downpour of rain and hail which made it impossible to see the road. Luckily, we found a roadside rest area and waited for better weather

At lunch time, we'd ordered a pizza with extra cheese and were amazed to see the huge one that arrived at our table. In fact, it was so large that we took some pieces along and had them for our evening meal plus a big ice cream cone from an Ayrshire dairy near Bennington, Vermont.

On the way to Maine, we stopped to see four families that I'd met on my European trip three years ago. One lived in New York state, two in Vermont and one in New Hampshire. They were all big Holstein dairy farmers and my husband enjoyed seeing their operations and telling them about his.

My next article will probably tell you about our fishing experiences here in Maine Let's hope we at least catch something after traveling so far.

Fulton Grange No. 66

OAKRYN — Fulton Grange No. 66 held their regular meeting July 23 at the Grange Hall in Oakryn with the Master, Thomas Galbreath, presiding at the business session. The Women's Activities and Young Marrieds committees reported.

Lecturer Sandy Galbreath presented the program Rebecca Quinn gave a reading, "Summer Creed". The Lecturer read "A Bit Of Wisdom," conducted a quiz on song titles and an action song "Row, Row, Row Your Boat". Mr. and Mrs. Roger Small gave a slide presentation, "Tulip Time Around The World". Small is a well-known local photographer and has traveled extensively.

Fulton Grange's annual picnic will be held on the Grange Hall grounds August 13 at 7 p.m. Rolls, butter and beverage will be provided. Families attending should bring a meat dish, another dish and place settings. Solanco FFA students and an Ag teachr who attended the National FFA convention in Kansas City will tell about their trip and the convention, and there will be games for everyone.

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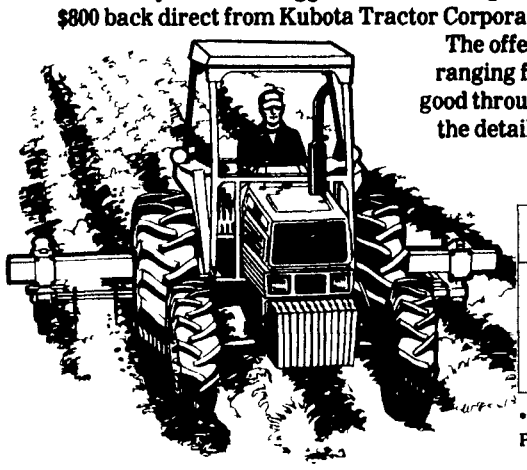

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Pa. FFA'ers attend Washington Conference

Kay Lobaugh and Joe Showers, of the Apple City FFA, are greeted by Carol Irvine, of Gaithersburg, Md., National Vice President.

WASHINGTON, D.C. — Future Farmers of America from chapters throughout Pennsylvania are attending the 1984 Washington Conference Program in the nation's capital.

The week-long program helps FFA members improve leadership skills, develop an understanding of national heritage and prepare for more effective leadership roles in their chapters and communities. Sessions on human relations, goal setting and personal communications develop these skills. Personal outlook, motivation and pride are discussed

Visits to Mount Vernon, the Smithsonian Institution, Arlington National Cemetery, the Jefferson Memorial and other historic sites in Washington are featured.

The FFA'ers also visited the offices of area congressmen, including Reps. Robert Walker and Gus Yatron and Sen. Arlen Specter.

They also observed sessions of the House and Senate

Joanne Kunkel and Stacey Meyers, of the Kutztown FFA, are greeted by Melody Lawson, Western Region National Vice President.

Dale Balmer and Steve Reigel, of the Little Dutchmen Chapter at Annville-Cleona, are greeted by Carol Irvine, National Vice President.

FFA

Beth Morgan and Rodney Stoltzfus of the Twin Valley FFA, are greeted by Melody Lawson, Western Region National Vice President.

FFA Alumni at ELCO hold ice cream fund raiser

The proceeds from this activity are used to support the Eastern Lebanon County FFA activities, educational trips, and member's sponsorship to State & National Leadership Training Programs

The FFA Alumni Association of Eastern Lebanon County held its second annual Ice Cream Social on Friday, July 20, at the Schaefferstown Fire Hall pavilion.

Homemade ice cream with a variety of toppings of similar origin was served to some 350 persons. In addition, Glenn Wenger, of Myerstown, president of the Pennsylvania FFA Alumni, auctioned off homemade pies and cakes.

Proceeds from the ice cream social are used to support various activities of FFA Chapter members at ELCO.

In above photos, Wenger auctions off shoo-fly pie; while other members of the Carl Wenger family serve ice cream at the all-you-can-eat event.

Solanco starts calf chain

QUARRYVILLE — The Solanco Future Farmers of American Chapter has established a dairy calf chain to help young FFA members get a start in dairy farming.

Robert Kauffman, a dairy farmer at R2, Peach Bottom, has been instrumental in starting the calf chain. He has donated a Holstein heifer calf to the FFA Chapter to be awarded to an FFA member interested in dairy cattle.

The first recipient of the program is Jeff Byers, son of Mr. and Mrs. John Byers of R1, Holtwood. Jeff will be in 10th grade this year and was selected from among a group of FFA members who were interested in receiving the calf.

Byers will raise the calf as part of his supervised occupational experience program in the FFA. He also raised market hogs and has a work experience project.

Byers will be responsible to return the first heifer calf produced by his new project animal to the FFA Chapter. This calf will then be awarded to another FFA member and the chain will continue.

The Future Farmers of America is an integral part of the curriculum in vocational agriculture at Solanco High School. Jeff Byers is one of about 90 FFA Chapter members at the local school.

Robert Kauffman is a member of the Solanco Young Farmers Association. The Young Farmer organization is also a part of the vocational agriculture program at Solanco.

Robert Kauffman, right, of the Solanco Young Farmers Association presents Jeff Byers with a heifer calf to help establish a dairy calf chain in the Solanco FFA.

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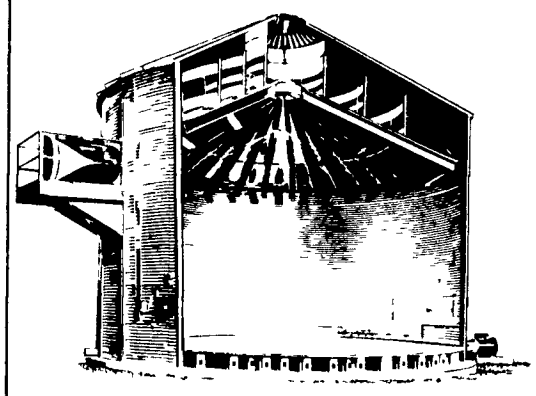

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Good quality evident at Bucks, Montgomery swine show

BY ROBIN PHILLIPS
Staff Correspondent

QUAKERTOWN — The Bucks and Montgomery County swine 4-H clubs gathered at the Quakertown Livestock Auction on Wednesday, July 18th, for their annual show and sale.

"The over-all quality was real good, said Chet Hughes, Lancaster County extension agent who served as the judge. "The quality was deep all the way through," he added about the 71 pigs shown by the 23 4-H exhibitors.

Eleven-year-old Debbie Cass, Pineville, took the top honors with their 200-pound lightweight division winner. The daughter of Stan and Linda Cass, she is in her first year of the swine club and says that she enjoys showing pigs. "The pigs are easier to show," Debbie says and adds that hers "has a lot of meat on him."

Named Bucks County champion, the Cass entry was also named grand champion over the two counties. The reserve champion over the two counties went to John Mentzer, Royersford, Montgomery County.

The Mentzer entry took first place in the middleweight division before taking the second high spot. Thirteen-year-old John stated that his secret was to let his pigs get used to him. Mentzer said that his father and grandfather are both swine breeders and helped him get more experience for this year. He was also named the champion for Montgomery County.

The overall grand champion market swine went to the lightweight entry of Debbie Cass. Her entry was also named the Bucks County champion. Here Debbie poses with her entry and judge Chet Hughes. "The best as far as uniformity and completeness," Hughes said as he tagged the champion.

Bucks County reserve champion went to Debbie Wiley, Buckingham. Eight-year-old Debbie is the daughter of Ben and Sarah Wiley and said, "I practiced at home." With an older and younger sister also showing pigs, the Wiley family considers this a family hobby.

Montgomery County reserve champion honors went to 13-year-old Dan Cochran, Trappe. "I raise them on good feed", Dan said matter-of-factly. "I look for a long hog that doesn't have a lot of fat on it," he added. The son of Gary and Alice Cochran, Dan makes this the second year that he has captured this placing. "That's Dan's thing, it's his pigs," his father said, smiling.

Placings in the Market Show and Fitting and Showing classes were:

Lightweight
1 Debbie Cass Bucks 2 Jesse Ruth Bucks 3 Shannon Lawley Bucks
Mediumweight
1 John Mentzer Montgomery 2 Dan Cochran Montgomery 3 Bill Scott Bucks
Heavyweight
1 Debbie Wiley Bucks 2 Dan Mentzer Montgomery 3 Conrad Fisher Montgomery
Grand Champion
Debbie Cass
Reserve
John Mentzer
Bucks Champion
Debbie Cass
Reserve
Debbie Wiley
Montgomery Champion
John Mentzer
Reserve
Dan Cochran
Pen of Three
Lightweight
1 Bill Scott Bucks 2 Jesse Ruth Bucks 3 Conrad Fisher Montgomery
Heavyweight
1 Dan Cochran Montgomery 2 Rich Troxell Bucks 3 Mike Garis Bucks
Champion
Bill Scott
Reserve
Jesse Ruth
Showmanship and Fitting
Senior
1 Mike Garis Bucks 2 Mindy Cass Bucks
Junior
1 Ricky Troxell Bucks 2 Shannon Lawley Bucks
First Year
1 Renee Allibach Montgomery 2 Shawn Mentzer Montgomery
Champion
Ricky Troxell
Reserve
Renee Allibach

Extension Agent Mike Fournier said the sale following the show "was well above market price." The 71 head averaged 86 cents with the grand champion bringing the high price of $3.65 a pound on the bid from Hatfield Packing.

The reserve champion brought $2.25 on a bid from Leidy's Inc., Soudertown was the two county reserve winners sold for $1.50 a pound to Landis Supermarket, Telford, and Leidy's, respectively.

Hatfield was the biggest supporter of the sale, selecting 11 head for their market.

Overall reserve champion of the show went to John Mentzer, Royersford. His entry was also named Montgomery County champion.

Saul wins dairy blues

KIMBERTON — W.B. Saul High School of Agricultural Sciences had a successful debut in their first try in the competition at this year's Kimberton Community Fair Holstein Show.

In the open show Saul's animals, exhibited by seven Saul FFA Members, took home blue ribbons in the Junior Calf, Junior Two-year-old, Four-year-old, and Dairy Herd classes. Caryl Mosley, at the halter of the Saul bred Junior Two-year-old, W-B-S Penny Creek Cyndi, also took honors for Senior Champion female and Grand Champion female.

In addition, Saul's five competing FFA members took home a total of six second place, one third place, and one fourth place in the open show and comparable honors in the Junior Show. Other competing students were Darlene Kozlowski, Patti O'Donnell, Cyndi Keen, Bob Angell, Rodney Byrd, and Mary Piezlowski, all of Philadelphia, as are all students at Saul High School.

The mostly first time exhibitors were coached by Saul's resident farmer, Gary Schwetz. Schwetz maintains the school's twenty milking cow herd of Registered Holsteins. The farm on the school grounds also accomodates a 50-cow beef herd, a 40-ewe flock, 400 laying chickens, broilers, hogs, laboratory animals, two production greenhouses, and 200 acres of crop fields and pasture

Saul is a multi-faceted vocational agricultural school in the Philadelphia School district with areas of emphasis including; animal science, lab animal technology, aquaculture, agricultural mechanics, agricultural resources, horticultural and crops management, greenhouse management, meat cutting, and floriculture. Saul School, located on Henry Avenue, maintains the largest FFA chapter in the nation with over 650 members.

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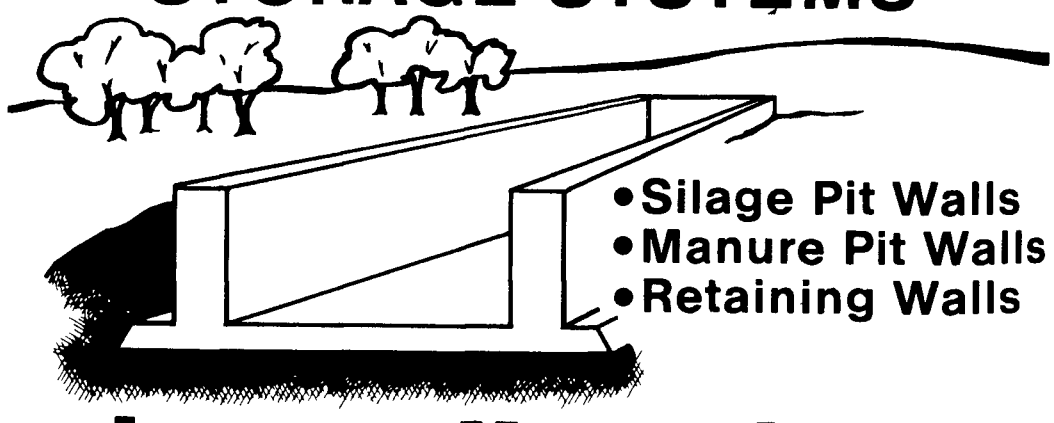
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Eight state delegates named to attend AIC convention

HUNTINGTON — Eight Commonwealth young adults, who last week served as delegates to the Pennsylvania Association of Farmer Cooperatives summer youth institute held at Juniata College, have been named to attend the annual meeting of the American Institute of Cooperation at Bozeman, Montana, July 30-August 2.

Those named are Christine McCahren, of R1, Mifflintown; Jon Merkel, of R1, Warriors Mark; Curt Lynch, of R1, Harrisonville; and Maurice Sinan, of R1, Clarksburg.

Also named were: Debra Martin, of R1, Conestoga; John Burkholder, of Prospect Road, Washington Boro; Gerald Davidson, of Star Route 2, Shippensburg; and Vance Kretzing, of R1, Loysville.

Christopher Peterson, PAFC youth program director, said that the eight will receive expense-paid trips to the Montana convention. Scholarships are provided by PAFC and Inter-State Milk Producers Cooperative.

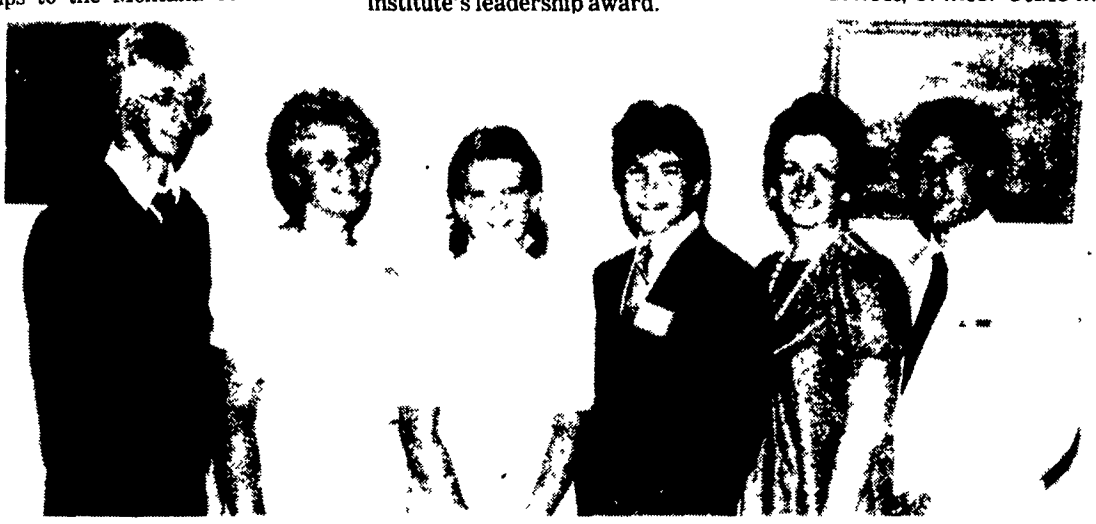
At the national convention, the delegates will take part in various programs designed to increase their knowledge of farmer cooperatives and agribusiness. They will join with 900 young agricultural leaders from all parts of the United States, Canada, and Puerto Rico.

Christine McCahren and Jon Merkle are delegates from the Juniata-Mifflin Centre Cooperative Council. Gerald Davidson and Vance Kretzing are representatives from the Cumberland-Perry Cooperative Council.

Maurice Sinan is a delegate from the Southwestern Cooperative Council and Curt Lynch is a representative from the South-Central Cooperative Council. Debra Martin and John Burkholder are delegates from the Lancaster Cooperative Council.

Christine McCahren also won the institute's leadership award.

Delegates to the annual meeting of the American Institute of Cooperation sponsored by Inter-State Milk Producers Cooperative are, front row from left: Gerald Davidson, of Star Route 2, Shippensburg; Curt Lynch, of R1 Harrisonville; and John Burkholder, of Washington Boro. Standing from left: Vance Kretzing, of R1 Loysville; Arty Robbins, of R3 Milford, Delaware; Randall Hubschmidt, of R9 Bridgeton, New Jersey; and James Barnett, of Inter-State Milk Producers Cooperative.



Pennsylvania Association of Farmer Cooperatives delegates to the annual meeting of the American Institute of Cooperation are, from left: John Merkle, of R1 Warriors Mark; Debra Martin, of R1 Conestoga; Christine McCahren, of R1 Mifflintown; and Maurice Sinan, of R1 Clarksburg. At right are Mr. and Mrs. John Grab of Hershey, who will chaperone the group.

Wayne/Pike Counties hold Fashion Revue

WALLENPAUPACK — Wayne and Pike County 4-H'ers recently modeled their sewing projects during their annual Fashion Revue held at the Wallenpaupack Middle School.

Dolores O'Neill, Pleasant Mount, was the fashion commentator and judges for the event were: Alberta Kroger, Johnna Kuhn and Elaine Wells.

The 4-H'ers who are eligible to compete in the Regional Fashion Show at the Penn State Hazeltown campus are: Senior Division - Barbara Marshall, Missy Crane, and Jenny Bruns. Junior Division - Linda Marshall, Andrea Gordish, Katy Smith, Jerrilynn Bush, Andrea Mang, Jenny Bucks, Tanya Cibelli and Robert Pizzo.

The winners of the Regional Fashion Revue are eligible to compete in the state Fashion Revue at Penn State University.

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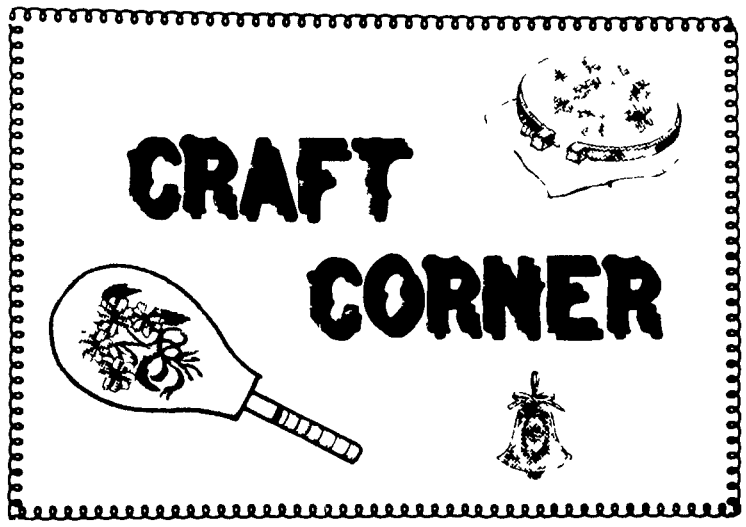

Of all decorative knitting techniques, cable-knitting is probably the favorite of most knitters.

Cables add surface texture to sweaters. They're also responsible for the rich look characteristic of hand knit sweaters.

Cable sweaters like the one shown are ideal for today's skirts and slacks. This one had a striking all-over cable repeat pattern in front, contrasted with a simple stockinette back.

As shown, the sweater is done in Bernat's 100 percent cotton "Cassino" yarn, but it may also be knit in acrylic, mohair and wool "Sweety." To order the sweater kit, containing either yarn and complete instructions, look for details that follow this column. To learn more about cables, just read on.

In order to knit cables, you'll need a short, double-pointed cable needle. The cable needle helps you transfer stitches from one part of the row to another.

In cable-knitting, basically, you slip a group of stitches from the left-hand needle onto the cable needle without knitting them. You knit the next few stitches as usual, and then knit the stitches from the cable needle back into the row.

By moving stitches around with your cable needle, twisting cable patterns eventually result. Be patient waiting to see them, however, because the first few rows rarely look right.

Here are directions for the cable pattern shown.

DIRECTIONS: Cast on 22 stitches.

Rows 1, 3 and 5: Purl 2, + knit 8, purl 2, repeat from + across row.

Row 2 and all even rows: Knit 2, + purl 8, knit 2, repeat from + across row.

Row 7: Purl 2, + slip next 4 stitches onto cable needle and hold in BACK of work, knit next 4 stitches, knit 4 stitches from the cable needle, purl 2, repeat from + across row.

Rows 9, 11, 13, 15 and 17: Repeat row 1.

Row 18: Repeat row 2.

Repeat these 18 rows for the pattern stitch.

THE SWEATER KIT, complete with Bernat yarns and instructions is available in peach, misty blue, pale pink, pearl gray, pale yellow, marsh purple (amethyst), stormy teal (turquoise), ruby claret, or white.

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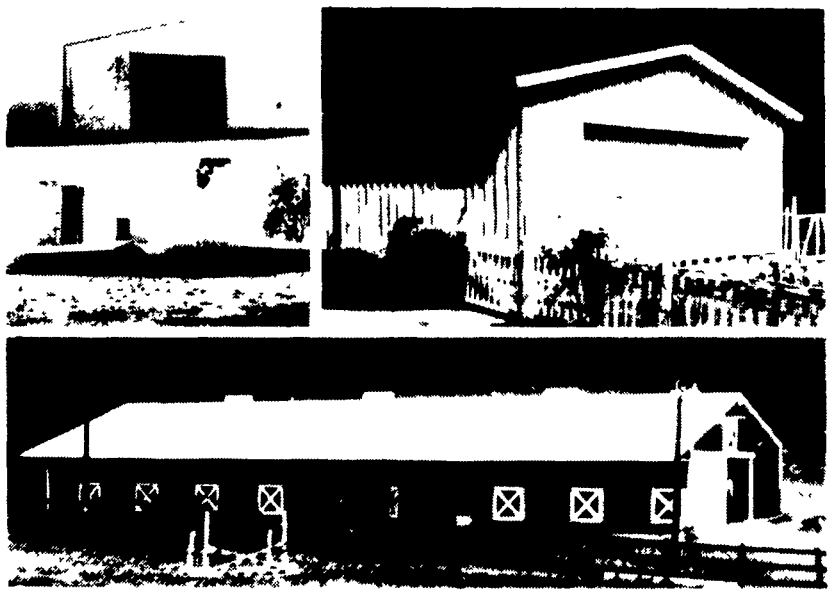

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Lebanon 4-H'ers compete for honors at Fashion Revue

BY ROBIN PHILLIPS
Staff Correspondent

LEBANON — Lebanon County 4-H seamstresses paraded their fashions on July 19th at the Lebanon Valley Mall as they competed for high honors at their annual fashion revue. Ranging from 11 to 18 years of age, the 22 4-Hers displayed their 1984 projects in clothing and textiles.

Senior Division winners included: Hollyanne Bachert, Annville; Kellie Lynn Kreider, Palmyra; Regina Roof, Lebanon; Sylvia Royer, Annville; Annette Seyfert, Annville; Becky Seyfert, Annville; Natalie Wagner, Lebanon; Sharon Wagner, Lebanon.

Junior Division winners were. Beth Brandt, Palmyra; Lori Brandt, Manheim; Wendy Keefer, Palmyra; Dulcie Seyfert, Annville; and Jennifer Zemba, Palmyra.

The eight senior winners will compete with those from seven other counties in the Regional Fashion Revue at Cumberland Valley High School on July 26th. Top honor winners at the regional event will then compete at Penn State in August.

Lebanon County's "first and only" winner at the state level, Lori Reesor, was on hand to encourage the girls with future projects. "It's a terrific experience in itself," she said about the Penn State competition.

Judging of the entries started in the afternoon with quality construction, techniques, and final fit being considered. The judges were Dawn Gerhart and Sandy Paveglio, home economists.

Alleta Schadler, home economist, and coordinator of the program, said, "everyone here is a winner." She added that because of their "very fine work" each girl has a lovely garment and the satisfaction of doing a good job.

After the program, two alternate winners were announced to replace two girls not able to attend the regional contest. They were: Kate Wagner and Sue Silfries.

The senior winners in Lebanon County's Fashion Revue pose in their creations. From left to right are: Sharon Wagner, Natalie Wagner, Becky Seyfert, Annette Seyfert, Sylvia Royer, Regina Roof, Kelly Kreider and Hollyanne Bachert.

The junior winners pose in their new creations. In front are Dulcie Seyfert, left, and Beth Brandt. In rear from left are Jennifer Zemba, Lori Brandt and Wendy Keefer.

FWS Calendar

Saturday, July 28

Lancaster Society 5 takes a bus trip to Totem Pole Playhouse and dinner at Hickory Bridge Farm. Husbands are invited.

Lancaster Society 4 meets at the home of Ann Nolt at 5:30 p.m. Bring covered dish, eating utensils and lawn chair.

Tuesday, July 31

Lancaster Society 24 meets for a food drying program by Elva Charles.

Thursday, August 2

Lancaster Society 17 meets for a picnic to entertain husbands at Mae Wenger's "The Hollow"

Saturday, August 4

Lancaster Society 3 meets for a free trip to the shore.

Lancaster Society 6 meets at the home of Mrs. Willis Hackman for a CROP filmstrip.

Lancaster Society 1 meets for a "Powder Puff Mechanics" program by Rick Martin.

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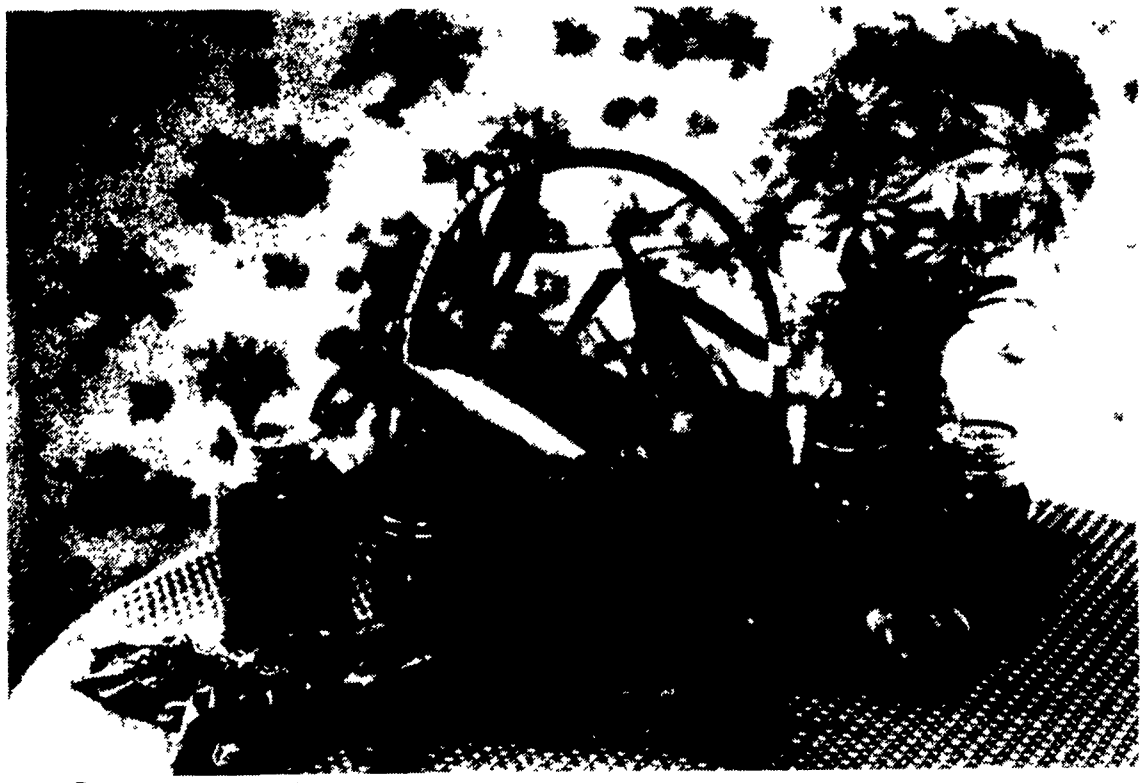
This capricious butterfly takes time out from his wanderings to enjoy the phlox that grace this flower garden.

Photos by

Suzanne Keene

Aided by an abundant rainfall, this year's corn crop promises to be one of the best.



Preserve some of the summer's best gifts - fresh fruits and vegetables - for the colder days ahead.

Not yet mature, these pears will provide a tasty, sweet treat later in the season.

Few things are quite as satisfying as planting seeds and watching them grow into healthy, productive plants.

August is Pennsylvania Food Products Month

HARRISBURG — Governor Dick Thornburgh has proclaimed August as Pennsylvania Food Products Month, recognizing agriculture, the state's number one industry, as a source of Keystone Pride.

Thornburgh said, "Pennsylvania is well known nationally for its production of a variety of quality foods. Our diversity can be seen in Pennsylvania food products ranging from apples to zucchini for fresh market, and applesauce to ziti from our food processing industry."

The governor noted that our 59,000 farm families, the core of agricultural society, are also a catalyst for our food marketing chain, supporting an industry which accounts for $25 billion in economic activity and provides jobs for nearly one-fifth of the state's workforce.

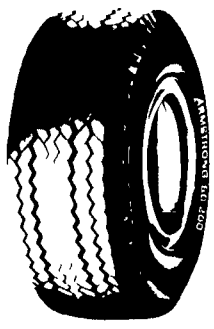
State Agriculutre Secretary Penrose Hallowell said that farmers, producers, processors, grocers and restauranters have all joined throughout the state to pay tribute to Pennsylvania food products. He noted that August is a traditional time for peak harvest of Pennsylvania fruits and vegetables and a time for consumers to take advantage of excellent food buys from the state's farms.

"Consumers should share agriculture's Keystone Pride," Hallowell said, "and join in the celebration of this special month. Pennsylvania is the breadbasket of the northeast, and unique in its quality and abundance of fine food products."

Hallowell said that 400 farm markets, 1,400 retail food stores and the Pennsylvania Restaurant Association have joined with farm and commodity associations to promote the state's food products during August. "Look for the Keystone Pride slogan at your local market or restaurant this month," he said "When you see Keystone Pride on food products, you'll know you're getting Pennsylvania grown and processed foods."

The month-long promotion will be kicked off on August 1 at Strawberry Square in Harrisburg, where an indoor farmers market featuring Pennsylvania-grown foods will share the spotlight with representatives of the state's commodity associations and samples of their products A special "What's Your A Q.? (Agriculture Quotient)?" quiz will offer consumers a chance to test their knowledge of Pennsylvania's leading industry and to compete for food prizes. The A. Q. quiz will be in Strawberry Square July 30, 31 and August 1, with prizes awarded on Aug. 1

Other special events scheduled for the month include Farm-City Days in Erie, Pennsylvania Food Products Day in Scranton, and Pennsylvania Food Products Day in Williamsport.



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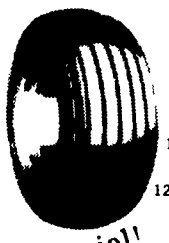

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13 9x36, 6 ply	$185.00
14 9x26, 6 ply	$170.00
14 9x28, 4 ply	$158.00
14 9x38, 6 ply	$224.00
15 5x38, 6 ply	$220.72
16 9x34, 6 ply	$250.00
16 9x38, 6 ply	$275.00
18 4x38, 8 ply	$364.12
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20 8x34, 6 ply	$450.00
18 4x34, 6 ply	$289.00
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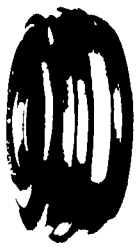

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The proposed increase will not become effective until April 26, 1985, unless the PUC permits it to become effective by Sept. 26, 1984.

If the full request is granted, the monthly cost of service to the typical residential customer using 500 kilowatt-hours of electricity would rise by $9.16. That would be an increase of 30 cents a day, or $110 a year.

However, in an effort to moderate the impact of the increase on our customers, we're proposing to collect only half of the total overall request beginning on April 26, 1985. If the PUC approves our phase-in plan, the remainder would be collected in subsequent years.

We are seeking an overall annual increase of about $330 million. That amount consists of $466 million which has been decreased by an estimated reduction in our annual energy costs of about $136 million due to the operation of Unit 2 of the Susquehanna Steam Electric Station.

The total request is about 23 percent of the company's annual revenues based on the year ending March 31, 1985. The actual increase on your bill may vary for a number of reasons, including your type of service and the amount of electricity you use.

You can receive further details on how the proposed increase would affect your bill by contacting any of the offices listed below or shown on the reverse side of your electric bill. More specific information is being mailed to all customers.

You may examine materials explaining the reasons for the proposed increase and the supporting information that the company has filed at these PP&L offices: **Two N. Ninth St., Allentown; Hausman Road off Tilghman Street West, Allentown; 344 S. Poplar St., Hazleton; 1801 Brookwood St., Harrisburg; 1701 Manheim Pike, Lancaster; 600 Larch St., Scranton; and Old Route 220 east of Montoursville.**

The PUC must study and approve the proposed increase before it can go into effect. If the increase is suspended until April 26, 1985, a formal investigation and public hearings will be held by the PUC.

Forms for the filing of a formal complaint may be obtained upon request from the Pennsylvania Public Utility Commission, Harrisburg, Pennsylvania 17120.

PP&L

Pennsylvania Power & Light Company

County dairy princesses learn about promoting milk during three-day seminar

BY JOYCE BUPP
Staff Correspondent

WILLIAMSPORT — Among the stately buildings of the Lycoming College campus, set against the central state's lush mountains, over 50 county dairy princesses and alternates met July 18 through 20 for a seminar packed with facts, fellowship and fun.

This annual three-day course is geared toward training newly-crowned dairy princesses from across the state to better fulfill their milk promotion responsibilities as representatives of the dairy industry.

Welcoming the princess delegation and their adult chaperones to the opening were state dairy princess Tammy Cree and Joanne Peifer, seminar coordinator and member of Pennsylvania Dairy Promotion Services. The PDPS, Inc., is sponsor of the seminar and coordinator of state promotion activities.

Additional background information on the structure of the promotion organization, and the interrelated workings of individuals, county committees and the state organization was detailed by PDPS board member Mim Kauffman, Lancaster, and board chairman Judy Deibold, Altoona.

A workshop tone for the seminar was set the first evening, with a Color-Plus program given by Warren dairy farm wife Melinda Johnson. A trained make-up and color expert, Melinda demonstrated how each individual's skin tones react to various colors.

Using scarves in a rainbow of shades, holding one at a time near the client's face, Melinda helps determine which particular colors are most flattering to the individual's skin tones, and which should be avoided.

Thursday's full day of workshops kept princesses rotating through four separate lecture-type and hands-on sessions, geared to give them a broad background in promotion abilities and personal confidence.

Rotating sessions included a presentation on how to be an effective princess, by former state promotion coordinator Sue Beshore, a York County dairy farm wife and mother. Focusing on supermarket promotions, Sue recommended numerous steps to follow for successful store visits, including first determining the individual, at a local or corporate level, who is responsible for handling such events.

Pre-promotion information to be checked ahead of time also includes finding out if the store is willing to provide any supplies for the promotion, where the promotion location is to be, and what equipment, including electrical outlets, is necessary.

Other details to remember are determining if a store plans to run "specials" coinciding with the dairy promotion and if the princess' appearance will be included in weekly advertising.

Color-Plus representative Melinda Johnson experiments with various shades of color against the skin tones of Huntingdon County dairy princess Cindy Keith.

One of Sue Beshore's tips on supermarket promotions was to mount display posters on cardboard for more effective display.

Lancaster Countians pause for a sundae break after a long day of travel and training; from right are princess Judy Miller, county co-chairman Ruby Bollinger and alternate princess Kris Esbenshade.

A veteran of these in-store activities, Sue further advised that such promotions should be kept to a maximum of three hours, preferably during the heaviest traffic flow hours. Princesses were reminded never to attempt store promotions alone, but to have at least one adult along for assistance.

In a made-up workshop taught by Color-Plus' Melinda Johnson, each princess and alternate faced a mirror, equipped with make-up samples and advice on her own individual needs based on facial shape and coloring.

With cosmetic samples and tips from Melinda Johnson, princesses faced their mirrors to polish make-up techniques.

Betty Rode, state Department of Agriculture representative and former modeling supervisor, led her social poise groups through practice in posture, walking, sitting and standing gracefully, and simply looking graceful while standing at ease in a group.

She also dealt with various social situations, including tips on what to use first — and what to do with it later — when faced with a tableful of eating and drinking utensils.

A news media session, led by Joyce Bupp of Lancaster Farming, studied writing effective news releases for promotion and publicity, and working with radio and television.

The most dreaded part of the seminar, according to participants, was presenting the three-minute promotional skit that each princess must do for the judges at the September state pageant competition. This exercise helps the princesses polish their skits, gain experience in speaking before a group and allows a private critique and suggestions by a member of the PDPS board.

Individual pictures and a large group photo session, both by Palmyra photographer Chuck Martin, rounded out the tiring day of training.

Relaxation came with the evening banquets at the student center, followed by tips on dressing for the occasion by state princess Tammy Cree and seminar coordinator Joanne Peifer.

Just in case any of the princesses needed brushing up on "cow facts," Pennsylvania Holstein Association staffer Doug Hershey closed the banquet with an entertaining lecture on "What To Know About Cows!"

Friday morning brought the princesses back to the lecture hall for a session on milk and nutrition, by Sharon Piano, of the Mid-East Dairy and Nutrition Council. A follow-up by Trish Williams, communications director for the Advertising and Promotion agency, briefed the group on the broad range of promotion ideas and materials that are available for use by county committees.

Grover Gouker, noted public speaker from Hanover, added a final punch to the seminar with his class on effective communications. Gouker has emceed the state pageant for several years and is associated with the Penn Institute.

A wrap-up evaluation and information on the September pageant sent princesses home full of enthusiasm for the next two months of promotion, presentation polishing, and final preparations for the Harrisburg judging that will select the 1985 state dairy princess.

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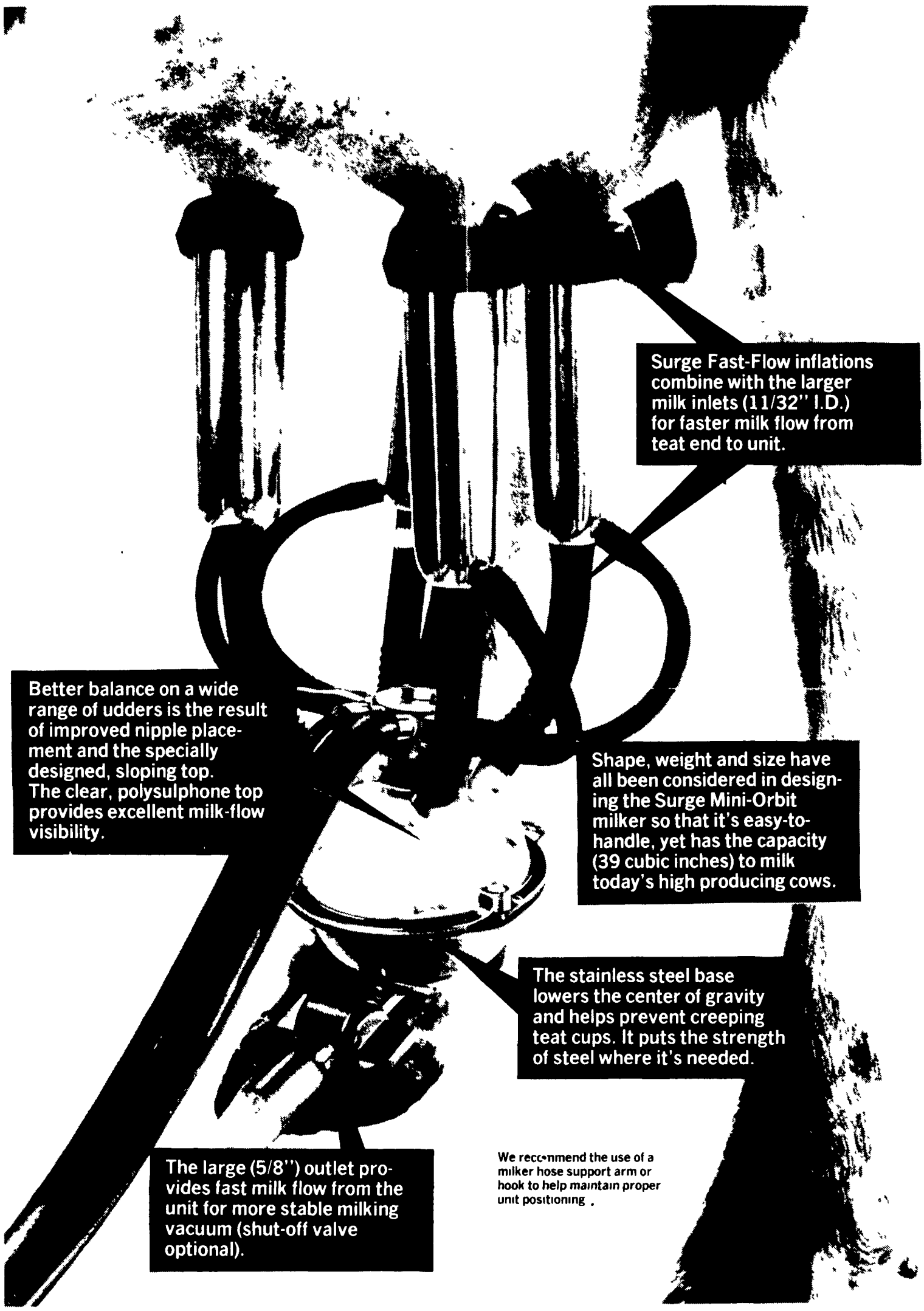
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1984 Pa. Cherry Queen

Monya Trostel promotes plump, juicy cherries

BY SUZANNE KEENE

BIGLERVILLE — 1984 Pennsylvania Cherry Queen Monya Trostel represents the fifth generation of Trostels to tend the orchards of Mountain View Fruit Farms, Inc. in Biglerville.

Having lived on a fruit farm that produces tons of cherries each year, Monya has had ample time to climb cherry trees and stuff herself on the succulent fruit. "I can eat tons of them," she says with conviction.

In the coming months, Monya, the 17-year-old daughter of Donald and Joyce Trostel, will be representing the industry that has been an important part of her life. She has lived on her family's 475-acre fruit farm since she was born. Monya's mother says the Pennsylvania Red Cherry Growers Association, whose officers select the queen each year, have been watching Monya since she was 12.

But Monya was still surprised when the Growers Association contacted her in May and asked her to be Cherry Queen. She officially received her crown at the Association's annual banquet on June 30, and this week began her first major promotional activites.

The remainder of the summer promises to be a busy time for Monya, who said she has already scheduled a number of mall promotions. She will also be appearing on television and radio to promote her product. For her promotions, Monya said she will be distributing samples of red, juicy cherries and answering any questions the public may toss her way.

While still a bit uneasy about the questions she will have to field, Monya will be able to rely on her years of experience on the farm. "I know a lot about farming myself," she says.

Monya's chores on the farm have traditionally been picking cherries and apricots and thinning peaches. She also helps her mom in the kitchen, canning and freezing cherries, and making some of the family's favorite cherry dishes. Monya says her favorite way of eating cherries is fresh off the tree, but added that she also likes cherry pie and chery pudding.

This year Monya and her mother are going to try a new method of preserving their cherries. They will freeze them, pits intact, in a waterpack, a method which is helps the cherries retain their firm, plump texture. Joyce suggested pitting the cherries while they are still a little bit frozen, to reduce any structural damage to the fruit.

A 1984 graduate of Biglerville High School, Monya participated in number of school activities. She was on the yearbook staff, secretary of student government, a member of the varsity club and the FCA. She also played varsity basketball, traveling with the team this year to state playoffs.

Monya was homecoming queen of her class and football and softball team manager. She is also a member of Trinity Lutheran Church.

Monya Trostel, 1984 Cherry Queen, holds a piece of juicy cherry pie in front of one the trees in her family's orchard.

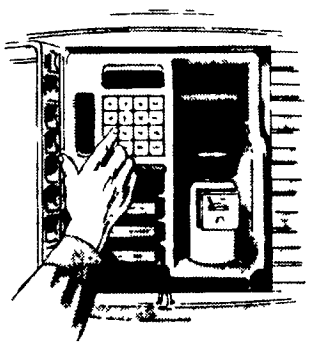
This summer Monya is working at Gettysburg Tour Center selling tickets and answering tourists' questions. In the fall, she will be attending Central Penn Business School to study banking and financing. She says she plans to work in a bank when she graduates.

Monya added that she hopes to use the management skills she learns in school to help her father keep the books. "I'd like to help him more now," she says, noting that time seems to go by so quickly now.

Some of Monya's cherry picking duties have been usurped by the mechanical cherry pickers her father uses to save time. The mechanical pickers have arms that grasp the trees' branches and shake the cherries loose. They then fall into a canvass frame and are funneled into ice water.

Using the machines, a tree can be picked in about 10 seconds, a task that would take a person picking by hand about an hour to accomplish. The younger trees are still hand picked because the mechanical picker damages their bark, so Monya's skills will not be wasted.

Her knowledge about the cherry industry will not be wasted either as she shares it with hundreds of people across the state in the coming year. "I think I'm really going to enjoy it," Monya says of her new task. "I know I will."



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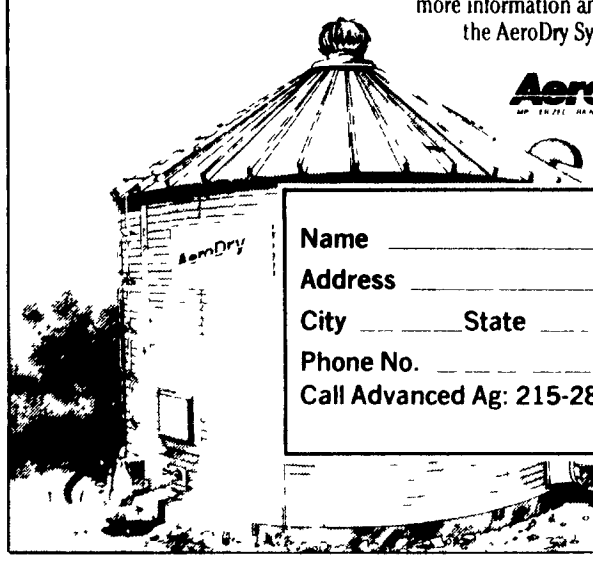

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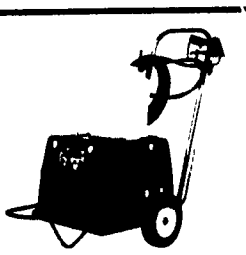

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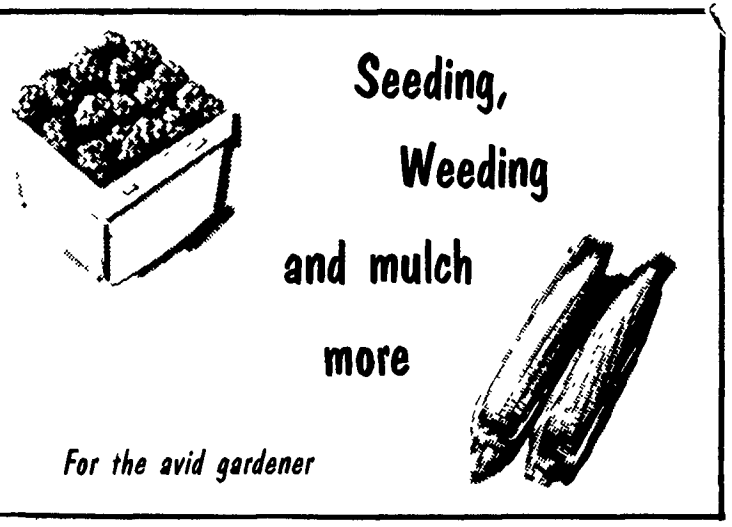

Butterfly Weed livens summer garden

NEWARK, DEL. — Butterfly-weed is a beautiful native wildflower that should be more widely grown in the home garden, says University of Delaware extension horticulture agent Dave Tatnall.

Butterfly-weed is a member of the milkweed family, but has watery, rather than milky, sap. It produces bright orange, yellow, or scarlet flowers in flat-topped clusters on plants 12 to 24 inches high. The narrow leaves grow from rough, hairy, upright stems.

The plant is often seen on roadside embankments and in dry, open meadows. It's frequently encountered by summer vacationers at the seashore. To enjoy it in your own garden, you'll need light, well drained soil and full sun. The plant survives well in favorable soil, but deteriorates rapidly in heavy, poorly drained soil.

Once established, butterfly-weed will be a highlight of your summer flower border, providing vivid color during July and August. True to its name, it attracts bevies of butterflies to the blooms, creating even more interest. The flowers last well when cut for indoor arrangements. And the seed pods, similar to those of the common milkweed, are useful in dried bouquets.

You can easily grow butterfly-weed from seed sown outdoors in the spring or fall, Tatnall says. Seedlings should remain undisturbed the first year – you can propagate particularly valued flowering specimens by means of root cuttings, taken in early spring. Plant young plants in their permanent locations in either spring or fall. If grouping them, space the plants 12 to 18 inches apart.

Where to obtain butterfly-weed? You may be able to get seed or plants from a friend or neighbor. Seed can also be collected from plants in the wild. And some mail order firms offer the butterfly-weed, as either plants or seed.

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Farm Women Societies

Lancaster Society 2

Five members of Society 29, four past and present county officers and the state director were guests of Lancaster Society 2 for a noon luncheon held Saturday, July 14 at the Farm and Home Center.

The guest speaker was Boni Gochenaur, who shared her thoughts and feelings from her experience as Lancaster County Dairy Princess for last year. A graduate of Lancaster Mennonite High School, she plans to enter nursing training in August at Lancaster General Hospital.

Society 2 has a busy schedule of activities including a bus trip on August 18, a tour of the Lancaster County Swiss Cheese Company on September 14, and participation in the "Christmas in October" days at the Farm and Home Center on October 12.

Lancaster Society 3

During the July meeting of Lancaster Society 3, which was a family picnic at the Sunny Craft Farm, president Doris Miller asked for volunteers to assist the social committee's visit to Conestoga View on August 16.

Jean Aungst, program chairperson, announced that several openings exist for both the August 4th shore trip to Ocean City, N.J., and on the Newport R.I. trip on October 27 through 28.

The program committee will meet at the home of Nancy Balmer on August 7.

The County Picnic for the Lancaster County Farm Women will be held on Tuesday, August 7 at the Lampeter Community Park. Members should bring a covered dish.

For their August meeting the group will visit the residence of the Mueller Sisters at Willow Street. The bus will leave the Lincoln Zion United Church of Christ parking lot at 12:30 on August 18.

Lancaster Society 14

Members and friends of Lancaster Society 14 met for a delicious picnic supper at Tinney Pavilion on Thursday, July 12.

Hostesses for the evening were Edith Herr, Jean Thomas, Elva Rowe, Jean Rowe, Dorothy Canter and Serena Groff.

President Clara Rohrer said Clara Smith, a patient at Lancaster General, will be moving to Landis Homes in Lititz on Saturday.

The surprise program was a comedy film titled "The Flying Dutchman."

The next meeting will be held at Nora Herr's home on August 8 at one o'clock, when the annual food and plant auction will be held.

Lancaster Society 34

Lancaster Society 34 met on July 16 at the home of Denise Glick. A white elephant sale was held with the highest bid for an item being $7.25.

It was reported that 14 members and families attended the family picnic. The group will go to Conestoga View on July 19 to play bingo.

The next meeting will be on August 20 at the East Drumore Township Building with Carol Byers as hostess and Debbie Althoff as co-hostess. The program will be on safety with Trooper Edwards as the speaker.

Berks Society 6

Berks Society 6 met at the home of Mrs. David Bauer on July 17. Extension home economist Faye Strickler spoke on safety in the kitchen.

Members and their families enjoyed a clam bake on July 15 at the home of Mrs. Nora Schweitzer.

Berks Dairy Princess Debbie Price will speak at the August 21 meeting, to be held at 8 p.m. in the home of Nora Schweitzer.

4-H Teen Council

The 4-H Teen Council met on Monday, July 16. Becky Baum led the American pledge and Jennifer Allwein led the 4-H pledge.

Committee reports were made on the Teen Council fair booth and the Blue Marsh Water Day. Other reports were made on Olympic Day, Camp Planning, Leadership Congress and Regional Night.

Linda Siegel, county extension agent, and Daniel Shiner will be on WLYH-Forum 15 on August 16. On August 17, three state winners from Lebanon County: Larissa Smith, Natalie Wagner and Troy Funk will also be on Forum 15.

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4-H'ers model clothing projects in Adams Co. fashion revue

GETTYSBURG — Adams County 4-H Fashion Revue was held recently at James Gettys Elementary School in Gettysburg. Thirty one 4-H clothing project members modeled their garments during the Fashion Revue.

Each 4-H member was judged by a panel of professional judges evaluating the garments construction as it affects outward appearance, the outfit on the member and modeling ability. Eight seniors and five juniors are selected to participate in Regional 4-H Fashion Revue on July 26 at Cumberland Valley High School.

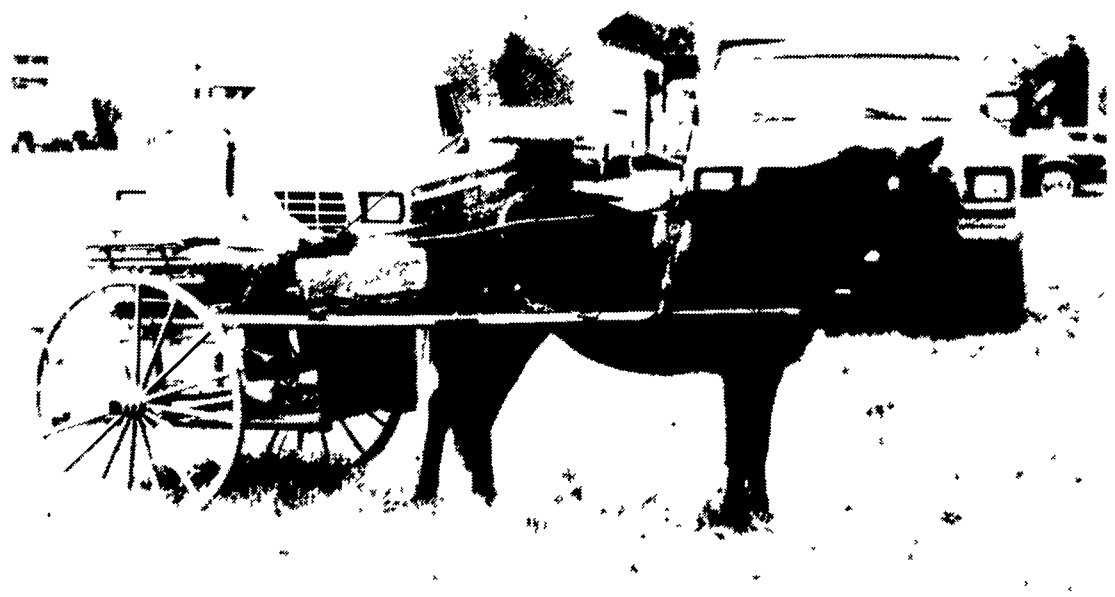
In addition to judging, several other programs were conducted for the participants and guests. Connie Stup of Idaville presented a workshop on grooming and makeup and Mrs. Cindy Smith offered information on modeling. The adults were involved with Eleanor Garris, home economist, and her presentation of "Individual Touches" and the "Fitness and Exercise" program conducted by the Hidden Valley Spa Staff.

The day concluded with a fashion show, featuring all 4-H members modeling their garments. 4-H clothing projects involve boys and girls in learn by doing experiences through the 4-H program.

Adams County 4-H seniors winning at the Fashion Revue are from left to right, top to bottom: Jackie and Noel King, Janet Ludwig, Lori Legg, Tammy Linebaugh, Donna Lockner, Tina Renoll and Trudi Legg. These girls also won an opportunity to compete in the Regional Fashion Revue on July 26.

Junior winners in the Fashion Revue are from left to right, top to bottom; Shannon Linebaugh, Tara Petry, Stacy Reaver, Kathy Grim, Tina Rodgers, Becky Lane and Lela Mummert.

Montgomery Co. Horse Show planned



Michael Jennings of Schwenksville practices with "April's High Step" for the upcoming Montgomery County 4-H Horse Show to be held Saturday, August 11 at the 4-H Center in Lansdale. The show will feature competition in equitation, pleasure, driving, racing, hunter ove fences and more. The public is invited to attend free of charge.

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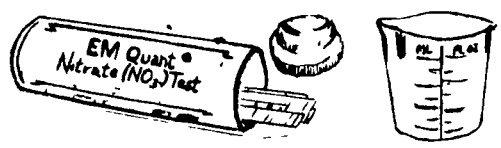

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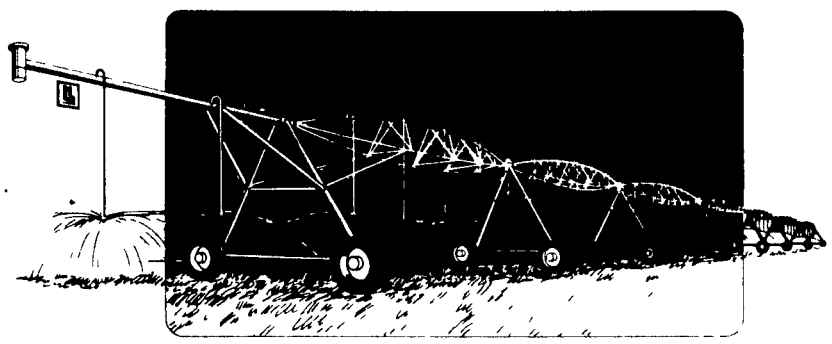

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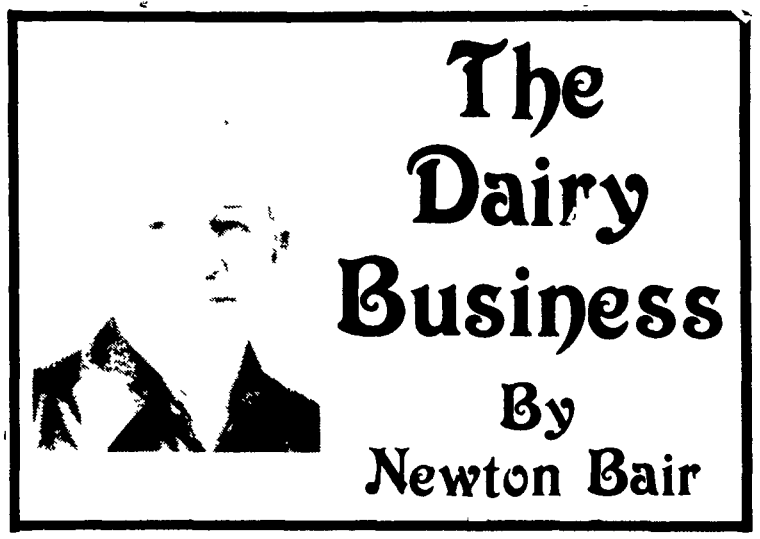

Farming Is An Art

Farming has always been an art as well as a science. It can only be conceived as an art if all the little pieces of the science of farming are interwoven together into a pattern that brings contentment and satisfaction to the farmer and his neighbors.

How did you acquire all the know-how you need to farm? The experience of growing up on a farm was about all that you needed a generation or two ago, before either the art or the science of farming had reached the present high state of development. Modern farming demands that we study, observe, read, experiment, and share. Never in history have so many depended on so few to feed them. Whether your education is formally acquired or self-taught, it is never enough and it never ends. Fortunately, in our country there is no knowledge or information withheld from us. It is always available if we seek it out and use it.

Many a livelihood was eeked out on a small piece of ground, with no more knowledge than that gained by growing up under similar conditions. But 'eeking' out a living is far from an art, if it means drudgery and poverty of spirit. The size of the farm has little to do with real artistry of farming. You can fail on a big one just as easily as a little one, if the bits of knowledge are too few or too small to fit the canvas. The brush strokes in the art of farming are made of a combination of well sifted and sorted bits of all the stuff that make up business, science and study. Each year there are more bits and pieces to fit together. But that shouldn't discourage anyone who is determined to grow in knowledge and enthusiasm for the art of farming.

The Art of Haymaking

Happiness is doing everything right to get a perfect stand of alfalfa. You needed and used science in testing the soil, selecting the seed, applying the lime and fertilizer, preparing the seedbed, and sowing the seed at the right time. Getting any crop properly established with a good stand is a prime first step, and it's mostly just applied science, with a little help from Mother Nature. But harvesting and storing a mow full of green, leafy and high protein [illegible] is almost pure art

The art of harvesting involves precise timing, from the first cut and condition to raking, baling, and storage. Many tons of expensive protein can be lost by raking and baling alfalfa too dry. The same goes for chopping alfalfa for silage when the leaves are too dry. If the stuff is too dry at 2:00 PM, wait until after the evening chores to bale or chop. The leaves are the first to toughen up in the evening, and you'll save a lot more of them, especially in the bale. The real quality is in the leaves, which are easily lost without that extra care.

Much of the artistry of good harvesting is in being able to outguess nature, especially the weather. Even in a contrary year like 1984, it is easy to spot the artist who worked with nature and has a clean stand of corn, beans and alfalfa. She does sometimes throw us a curve, and flood a field at the wrong time. But most of the time, the smart artist will anticipate her vagaries and make nature work for, instead of against him.

The Artistry Of Business

The business end of farming requires even more artistry. But, as in all other art, good business principles as applied to modern farming must be studied and learned. Very little in the way of business sense can be inherited or observed. Of course, a little "horse sense" helps a great deal, but to acquire a working knowledge of finance, marketing, recordkeeping and cooperating with others in your business takes a lot of extra effort. Good business mangement can top off all the best you have in scientific know-how, and determine the degree of artistry you have achieved in the business of farming. Unlike a painter or sculptor, the artistry of farming requires a lifetime of continuous perfection of all you learn along the way

So, you haven't thought of yourself as an artist, have you? Look around at some of the things that the Lord created with your help, and accept a little of the credit yourself. He could have done it Himself, but it is a lot more pleasing to Him because of your artistry.

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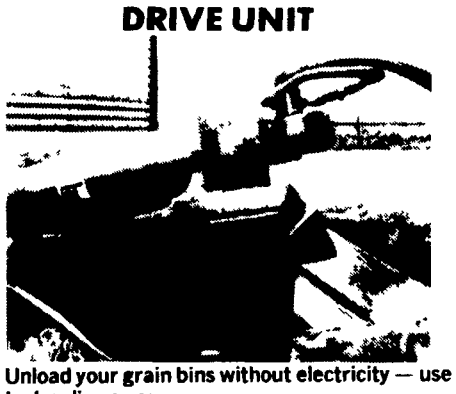

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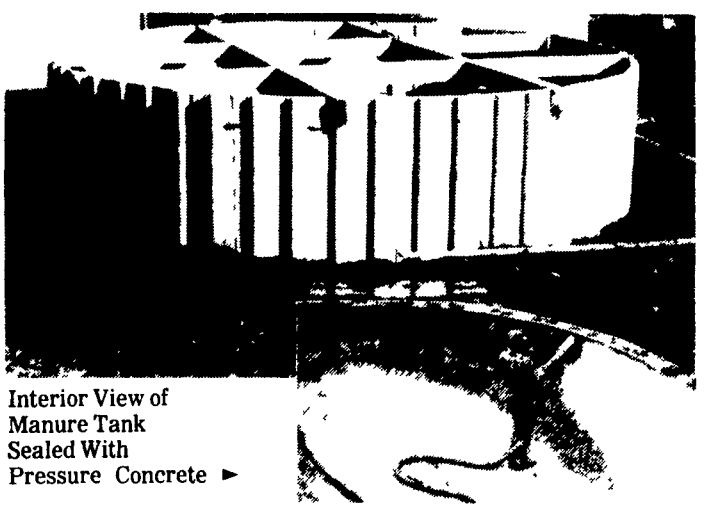

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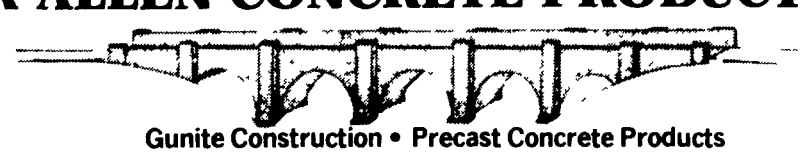

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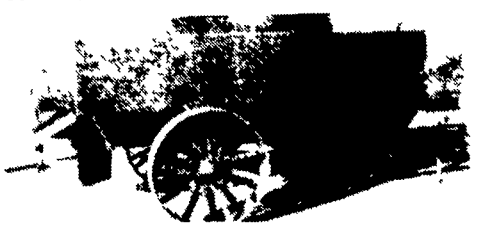

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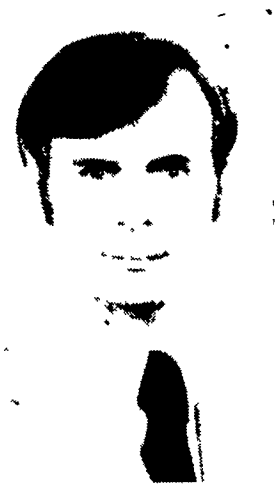

Dairy Pipeline

By
Glenn A. Shirk
Extension
Dairy
Agent

Stocking Your Feed Pantries

Chances are, when a dairyman isn't milking cows or performing manure handling chores, he is busy doing something related to feeds - production, harvesting, procuring or handling.

Feed is a major part of our dairy farm businesses. It demands much of our time, our facilities and our budgets; we can't do without it, and we need lots of it!

The big question now is will you have enough of the kinds and quality of feeds you need for your health? It not, will there be funds available for purchasing them?

Now is the time to take stock of your present supplies, your expected harvests and your anticipated needs. If you are running short, you have some alternative courses of action: 1. purchase feeds now, or as you need them, 2. use cheaper, alternative feeds, 3. reduce your needs, 4. make more efficient use of the feeds available to you.

Buying Early

You might be able to take advantage of some good buys by purchasing feeds at harvest time, when prices generally are lower. However, you will need storage space - your own, or rented - plus cash.

Buying at harvest time may require purchasing feed 6 months earlier than usual. That may mean borrowing money for an additional 6 months. Calculate the interest costs for doing this, and determine if you will have sufficient cash flow to start meeting the earlier loan payments. Remember too, since you are paying for feed in advance of need, you won't have to spend these same feed dollars later; the frees money later on for other uses.

How much will the interest cost per ton or per bushel? Let's say you borrow $1,000 for 6 months at 14% interest. The interest cost for 6 months will be about $70. If hay is $100 per ton, the $1000 will purchase 10 tons; the interest cost will be $7 per ton. The same $1000 will purchase 333 bushels of grain at $3 per bushel; the interest cost per bushel will be 21¢ ($70 — 333 bushels).

Remember, you buy feeds for the nutrients they contain, and the nutrients are found in the dry matter - not in the water. You are not interested in paying feed prices for water; there's cheaper water at home. So, adjust prices for the moisture content of the feed you are buying. It's rather simple to do, especially with a hand calculator.

Determine the base price for "old," cured, or dry feeds as your reference. Let's use "old" dry hay as an example. It's about 90% dry matter (10% moisture) and may be worth $90 per ton - at the grower's barn. Assume you can buy some fresh-baled hay of similar quality; it contains about 20% moisture (80% dry matter). How much is it worth? To determine this, divide the dry matter of the product you are buying by the dry matter of the "reference" feed, and multiply this by the price of the "reference" feed. In our example, this would be 80 — 90 × $90, or $80 per ton.

This same formula can be used to adjust prices of other feeds (high moisture grains, haylage, silage, etc.) for their moisture contents if they are being purchased on a weight basis.

If you buy at harvest time, you may have the option of buying a crop in the field. This becomes tougher to price out because you have to make additional allowances for: harvesting and handling costs, risks of field losses (weather, insect, disease, etc.), plus the cost of chemicals and fertilizers, etc.

Prices can be established on a per-acre basis, or per ton or bushel harvested. On a per acre basis, yields can be estimated and prices established per ton or per bushel, based upon the average moisture content and quality of the crop harvested.

Cheaper Alternative Feeds

If you are buying a lot of high priced corn, look into the possibility of using some other alternative grains such as barley, wheat and oats. They may be a better buy. For example, when shelled corn is selling for $4.00 a bushel and 48% soybean oil meal is $250 per ton, dry barley is a good buy if it is selling for less than $3.60 per bushel, wheat - less than $4.40, oats - less than $2.45, and soybeans - less than about $6.40.

If ration changes are made, do it gradually, and make sure other adjustments are made to keep the ration properly balanced. To be utilized most efficiently, small grains should be coarsely ground, rolled, crimped, etc. Avoid grinding too finely.

Don't Waste Feed

Expensive feeds are too valuable to waste on inefficient, non-productive animals. Cull accordingly, especially if feeds are in short supply. However, keep one eye on your cash flow too.

Candidates for culling include: problem breeders, low producers, mastitic cows, excess heifers, etc.

Cows producing 30-35 lbs. per day may still be returning you about $1.50 per day over feed costs, according to your DHIA sheets. She is still profitable and worth milking IF you can't find a better cow to fill her stall. However, you should try to find a better one. A 70 lb. producer could return you about $5 to $5.50 per day. That's $3.50 to $4.00 more per day - $105 to $120 more per month - for that one stall! Think about it! It might even pay to dry off those low producers early to free their stalls for the better more profitable cows. If you dry them off don't keep them if they are not good enough to keep, or if they will be dry for long periods of time.

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(Turn to Page B33)

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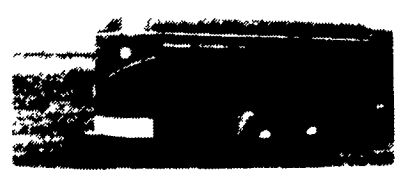

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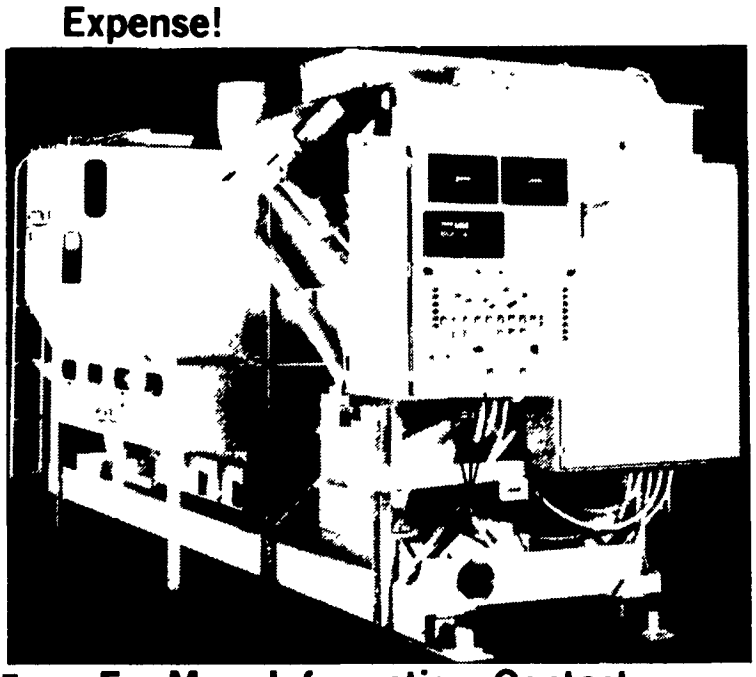

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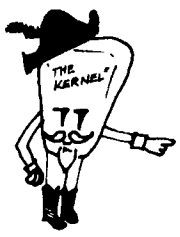

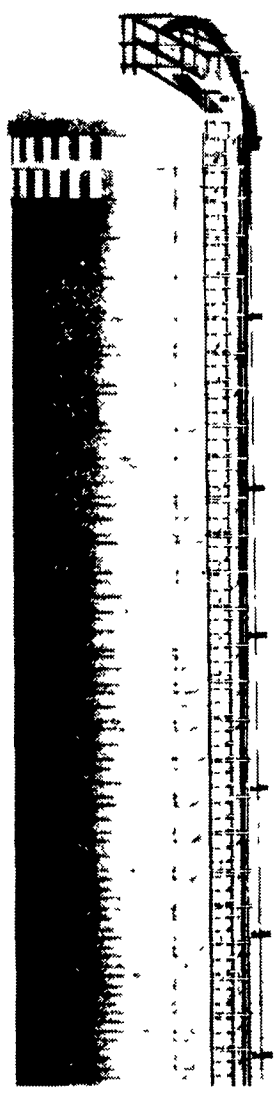

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Dairy Pipeline

(Continued from Page B32)

just to maintain herself; that's an outright cost, but a necessary cost, similar to the cost of having to feed non-producing heifers and dry cows.

Once a cow's maintenance needs are met, the additional feed is used for milk production - to help make a profit. As production increases, a higher and higher percentage of her total feed intake goes for producing milk income. That increases the return on your feed dollar, and when feed is over 50% of your total cost of producing milk, that is worth thinking about!

Some other alternatives for using feeds most efficiently are: feed fewer heifers and do a better job with the ones you raise, and calve well-grown heifers at an early age. Feed balanced rations, feed the best feeds to the best cows, feed frequently, provide sufficient fiber, keep feeds fresh and avoid spoilage and wastage.

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The Milk Check

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Negative Purchases

January to June figures are in for the dairy industry and things are looking up. Commodity Credit Corporation purchases are down 36 per cent from last year and for the first full week of July were a negative 2.3 million pounds. Now you have to know bureaucratic jargon to understand that a "negative purchase" is a sale. Which only means they sold or cancelled purchase contracts for more product than they bought. This is the first time this has happened in over four years. The milk equivalent of this negative purchase was only 136 million pounds or about the annual production of 100 good dairy farms in this area but the fact that it happened now signals the end of a spring flush and an increased demand that should help to cheer you up after three months of lousy weather. You can also look at the CCC purchases of butter and cheese for the first six months of 1983 and 1984. For cheese it was 316 million pounds in 1983 to 180 million in 1984. Butter purchases dropped from 467 million pounds to 340 million. Butter prices in Chicago dropped to $1.57 a pound for Grade A - the kind CCC buys - but 40 pound cheese blocks went up to $1.34 a pound - within less than a cent of the support price. However, barrel cheese jumped nearly two cents to over $1.30 a pound which is five cents above the sell back price of $1.25 a pound. So, now we may be seeing fewer sales of CCC butter but more sales of barrel cheese out of CCC stocks. The nice thing about aged cheese is that it's more desirable than aged butter and may bring even more than the market price.

Explanation

Just so everyone understands the procedure for selling CCC dairy stocks of butter, powder and cheese let me explain again how it works. The U.S. Department of Agriculture converts the support price of manufacturing grade milk (not Class II milk) that it gets from Congress into the prices it will pay for butter powder and cheese to be put in government storage. Just looking at butter and cheese the milk support price now of $12.60 for milk testing 3.67 per cent butterfat translates into $1.4325 a pound for Grade A butter; $1.3475 for 40 or 60 pound blocks of cheddar cheese and $1.3175 for 500 pound barrels of cheddar cheese. When the market price rises to 110 per cent of the support price than CCC can take these dairy products out of storage and sell them to private handlers.

These sell back prices now are $1.5757 for butter; $1.4822 for 40 or 60 pound blocks of cheese and $1.2492 for 500 pound barrels of cheese. In recent weeks the market price of butter has gone up to $1.60 a pound and CCC sold over 335,000 pounds before the market dropped below the sell back price. Now barrel cheese is up to $1.3075 on the market so look for some cheese sales from CCC stocks. Certainly CCC stocks become a lid on market prices until they are sold but this is how the system was was intended to work. Provide a safety net for producers when milk prices were falling and a cushion for consumers when prices started back up. I intentionally omitted powder because we have enough in CCC storage to last us for three or four years if we never made another pound. That's a bigger and separate problem for the industry until someone can figure out how to make butter without making powder.

The Snubber's Back

Speaking of butter and milk marketing jargon, another term you should know is the butter/powder snubber. It has not been used for about ten years so new students of milk marketing may not have heard of it and the old ones may have forgotten what it was. Essentially, it was a device to keep the butter/powder plants operating in spite of the competition from cheese plants if milk prices for cheese rose higher than milk prices for butter. Long ago the butter/powder price was the basis for all milk prices in Federal Orders then more recently it was the Minnesota-Wisconsin Price Series or the butter/powder price - whichever was lower - and for the last ten years, it has been the M-W only. Now, once again with increasing commercial demand and decreasing milk supplies the National Milk Producers Federation has requested a hearing to bring back the butter/powder snubber to all Federal Orders. The proposal would create a separate Class IV price for milk going into butter that would be the lower of the M-W or the butter/powder price. It would not affect the Class II or Class III prices which would still be calculated from the M-W.

Reasons for the changes are to protect butter plants from cheese plant competition when milk supplies are short. A safety net to keep them in business so we'll have them to balance the market when supplies are excessive. It could be very important to butter plants but won't make much difference in the blend price here in Order 2 because less than one per cent of the milk pooled is used to make butter. Hearings on the proposal will be held on July 25.

More Security

The following day on July 26 the Sub Committee on Livestock, Dairy and Poultry of the House Agriculture Committee will hold hearings on Congressman McDade's bill, HR 5037, that's called the "Milk Producers Prompt Payment Act of 1984". Prompt payment in the Bill means payment by the handler before the close of the next business day following the receipt of milk. Omitted from the title but included in the Bill is the establishment of a milk producer trust. This would be a statutory trust giving producers preferential treatment as creditors when a handler goes bankrupt. It's modeled after the provisions of the Packers and Stockyards Act and, more recently, the Perishable Agricultural Commodities Act.

June Pool

All the good news of increasing commercial demand for dairy products has not yet been translated into higher prices at the farm but you're holding your own. June milk in Order 2 provided a blend price of $12.29 which was three cents higher than May. This included a 40 cent deduction for the Louisville Plan but not the 50 cents for the milk Diversion Program or 15 cents for advertising and promotion. June was the last month for Louisville Plan payments so the farm price will go up in July. You should also see an increase in the M-W and butterfat differentials have jumped from .164 to .173 cents to further boost your farm income this summer.

Export seminar Wednesday

WILMINGTON, Del. — The program has now been set for the upcoming Delaware agricultural export marketing seminar, which will take place Wednesday at the University of Delaware Goodstay Center in Wilmington. Purpose of the all-day event is to give agribusinessmen, food processors and others information on how to increase their exports or break into the export market.

During the meeting two Delaware food exporters and a Florida food broker will discuss their experiences in export marketing. The program will also include presentations on the role of the Inter American Development Bank in agricultural exports; trade policy in the Caribbean Basin; import-export possibilities between Costa Rica and Delaware; making contacts and identifying potential demand; the state of Delaware's role in exporting; trade shows and the role of the Eastern United States Agricultural Food Export Council; and other sources of export assistance.

Speakers will include officials and agricultural trade specialists from the USDA's Foreign Agriculture Service, the Inter American Development Bank, the U.S. Department of Commerce, the Delaware Department of Agriculture, Delaware Small Business Administration, Delaware Development Office and the Governor's International Trade Council.

The seminar is being sponsored jointly by the University of Delaware College of Agricultural Sciences, Delaware Department of Agriculture, Delaware Development Office, U.S. Department of Commerce and Delaware State Chamber of Commerce.

The Wednesday event will take place from 8 a.m. to 3 p.m. Preregistration is required and there is a $10 fee, which includes lunch. To register or for further information contact University of Delaware extension farm management specialist Don Tilmon at 451-2511.

Sussex sheep show slated

NEWTON, N.J. — It will be a wooly weekend at the Sussex County Farm and Horse Show as the Sussex County Sheep Breeders present their 7th Annual Open Sheep Show. Featured breeds for the Aug. 11-12 extravaganza are Montadale and Oxford.

The festivities begin Friday, Aug. 10 with a sheep shearing contest. According to Jane Brodhecker, R4 Newton, N.J. show coordinator, the shearing contest is designed to promote a little friendly competition among the exhibitors and professional shearers. Both male and female exhibitors can compete.

Saturday, Aug. 11th at 8 a.m. judge Larry Mrozinski from Michigan State begins his busy weekend as he evaluates the animals entered in the Eastern Regional Montadale Show. Following the show the Sussex Shepherd's 4H Club will sponsor a shepherds lead.

Once again Mrozinski will get a work out as he judges the Eastern Regional Oxford Show, Sunday, August 12, at 8 a.m.

All weekend fleece samples and wool products will be displayed. Other breeds being shown include Border Cheviot, Columbia, Corriedale, Dorset, Hampshire, North Country Cheviot, Rambouillet, Romney, Shropshire, Southdown and Suffolk.

For more information call or write Jane Brodhecker, R4, Box 87, Newton, N.J. 07860, (201) 383-3592.

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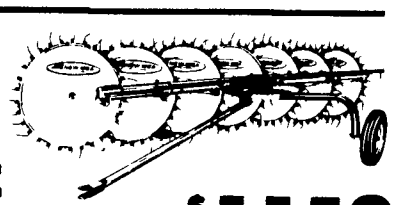

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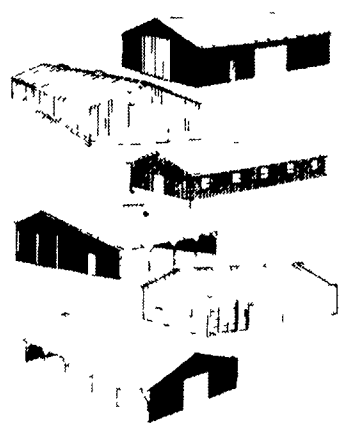

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Pinkeye — serious eye disease in cattle

BY GEORGE F. W. HAENLEIN
Extension Dairy Specialist
University of Delaware

Intense summer heat brings on a very nasty annual problem for dairy and livestock producers – pinkeye. The disease affects cows and calves as well as horses and other animals. Besides being annoying, if not treated promptly it can lead to permanent blindness. It's a serious condition which shouldn't be ignored.

Much of the information I'm sharing in this column comes from a report prepared by the Iowa Extension Service. It's very timely information that can help you control and treat this disease.

Pinkeye, or infectious bovine keratoconjunctivitis, is a serious eye disease in cattle. It has been reported worldwide since 1889 and remains one of the most difficult cattle diseases to prevent or treat in a practical manner.

The economic significance of this problem is obvious when you look at calf weight gains. By weaning time in the fall, calves which have had even minor pinkeye infections during the summer will weigh from 10 to 30 pounds less than those in the same herd with healthy eyes.

Infected animals may become blind and have difficulty finding food and water, and they may injure themselves. Milk production of infected cows may drop by 50 percent. Treatment is an additional production expense. Losses are highest in calves under weaning age and in yearlings on pasture. Calves passing through cattle auction with one eye badly scarred will bring $20 to $30 less than their herdmates.

Pinkeye may occur at any time of the year but is most common in summer. Although any age animal may be infected, the disease is most prevalent in those under two years old.

It is believed that flies, including face flies, feed on discharges from the eyes of infected animals. The seasonal incidence of the disease coincides with the seasonal peak of fly populations.

Discharge from the eyes of infected animals may contaminate feed, water, and the surrounding premises. Researchers suspect that some animals may be carriers of the disease even after recovery from infection. Pinkeye is often brought into a herd by newly purchased animals which have previously been exposed to pinkeye but show no symptoms.

SYMPTOMS. Signs of pinkeye appear 48 hours to one week after exposure in the spring, summer, and fall. In cooler winter weather they may not show up for four weeks. The infection may last two to four weeks, involving as many as 90 percent of the animals in a herd.

The disease is characterized by watering eyes, sensitivity to light, redness and swelling of eyelids, redness of the conjunctiva or white of the eye, and cloudiness of the cornea, which interferes with vision. A pink or red ring often surrounds the cornea. Discharge from the eyes may become thick and yellow. In severe cases, ulcers may appear on the cornea. Severe ulceration and scars may permanently damage vision.

In extreme cases the cornea may actually rupture, followed by complete destruction of the eye and permanent blindness. Sometimes the eyes of afflicted cattle remain sore and must be removed before satisfactory gains will occur.

CAUSES OF PINKEYE. At one time it was believed all cases of pinkeye were caused by the bacteria Moraxella bovis. But scientists now know this is a complex disease involving several other factors as well.

Initially, eye tissues may be damaged by such things as the ultraviolet light waves in sunlight, allergens, vitamin A deficiency, viral infection, and mechanical irritation from dust, wind, grass lawns, insects such as flies and face flies, and other irritants.

Infectious bovine rhinotracheitis virus (IBR or "red nose") is an initiating factor in some areas of the country, and during some seasons of the year. However, the IBR virus is less likely to be involved than ultraviolet light and other irritations to the eye. When IBR has been a factor, it has been more common in fall and winter than in summer. Other viruses, such as bovine virus diarrhea, affect the eye tissue but are usually not associated with pinkeye.

Cattle with pigmented skin around the eye appear to be more resistant to pinkeye irritants. But this doesn't seem to protect them when highly infectious bacteria or viruses are involved.

Researchers at the National Animal Disease Center at Ames, Iowa, have reproduced pinkeye in calves using a combination of ultraviolet light and Moraxella bovis organisms. This work shows the importance of ultraviolet light as a contributing factor, damaging eye tissues and so making them susceptible to bacterial invasion. The scientists have isolated Moraxella bovis from animals' eyes even in the winter.

PREVENTION. Cattle producers often ask whether there's some vaccine or bacterin they can use to prevent pinkeye. So far, none of the bacterins produced have been effective. At present, fly control to keep the infection from spreading is the best means of control.

TREATMENT. There are many ways to treat pink eye, but their effectiveness varies from area to area and year to year. To measure the effectiveness of any method, some infected animals must be left untreated as controls for comparison.

Medications usually must be applied frequently. There are many commercial products which, when diligently applied, will shorten the course of the disease. In my own experience with cows, sprays which contain Gentian blue have been very effective. Unfortunately, the bacteria involved most often are resistant to many antibiotics. To know which antibiotic is most likely to work, send eye swabs to a laboratory for culture and antibiotic sensitivity tests.

Ther are several types of patches on the market which you can use to cover an infected eye after treatment, to keep out flies and other irritants. Dye preparations color the surrounding area and reduce the ultraviolet irritation from sunlight, and that may be one reason for the effectiveness of Gentian blue. Products containing an anesthetic agent help reduce pain in badly infected eyes.

Treatment should vary according to the state of eye disease involved. The use of defatted sterile milk injected subcutaneously seems to stimulate the body repair mechanism and promote healing.

CONTROL. Good herd management is essential for pinkeye control. Isolate infected animals from the rest of the herd and keep them in the shade when possible. Control flies and other insects to prevent further irritation and mechanical transmission of bacteria from animal to animal. Check animals daily to be sure that they have adequate feed and water and to keep them out of ditches, wire, water, and other places where they could be hurt.

A good control procedure for all infectious diseases is to isolate new animals for 60 days before allowing them to mix with the rest of your herd.

Lancaster 4-H'ers hold horse show

LITITZ — Lancaster County 4-H'ers convened at the Lower Hopewell Horse Center in Lititz on July 14 for the County 4-H Horse Show.

The top three placings in each class, except two pair and one county team, will be eligible for District competition at Wilson College on August 25. Classes English Walt-Trot and Western Walk-Jog are county classes only.

Of the 81 4-H'ers entered in the county competition, 40 are eligible for the District Show.

Grooming and Showmanship
Junior 1 Alvin Farrington 2 Pam Huber 3 Doug Deibler
Senior 1 Ken Sherlaw 2 Alida Farrington 3 Tammy Long

Pleasure Pony Driving
1 Ame Parsil

Open Trail
13 2 hands and under 1 Angela Simione 2 Sandy Hall 3 Angie Heisey
Over 13 2 hands 1 Alida Farrington 2 Doug Deibler 3 Tammy Long

County Team
First Valerie High Tammy Long Carla Melasecca
Second Debi Brosius Diane Barron Sarita Terethia

Pleasure Pairs
1 Valerie High and Tammy Long 2 Alida Farrington and Alison Farrington 3 Heather Steele and Jessica Watts

Stock Seat Equitation
Junior 1 Alison Farrington 2 Doug Deibler 3 Pam Huber
Senior 1 Alida Farrington 2 Ken Sherlaw 3 Heather Steele

Western Pleasure Ponies
12 2 hands and over 1 Bobbi Miller 2 Michelle Harris 3 Sandy Hall
12 2 hands and over 1 Heather Buller 2 Angie Heisey 3 Becky Preiss

Western Pleasure Horses
Over 14 hands 1 Alida Farrington 2 Doug Deibler 3 Alison Farrington

Western Riding Contest
1 Alida Farrington 2 Tim Kauffman 3 Wayne Stoltzfus

Pole Bending Ponies
1 Noel Benner 2 Tim Kauffman

Pole Bending Horses
1 Wayne Stoltzfus 2 Chris Miller 3 Brian Miller

Clover Leaf Barrel Race Ponies
1 Tim Kauffman 2 Noel Benner

Clover Leaf Barrel Race
1 Wayne Stoltzfus 2 Michael Charles 3 Chris Miller

Four Corner Stake
13 2 hands and over 1 Tim Kauffman 2 Noel Benner
Over 13 2 hands 1 Wayne Stoltzfus 2 Chris Miller 3 Michael Charles

Saddle Seat Equitation
Junior 1 Mary Ewing
Senior 1 Brook Sweigart

Hunter Seat Equitation (not to jump)
Junior 1 Heather Wardell 2 Angela Simione 3 Kristina Edniger
Senior 1 Tammy Long 2 Michelle Wentzel 3 Valerie High

Hunter Seat Equitation (Over jump)
Junior 1 Camille Long
Senior 1 Carla Melasecca 2 Todd Wardell 3 Elizabeth Waldeck

Saddle Seat Pleasure Horses
1 Brook Sweigart 2 Mary Ewing

Hunter Under Saddle-Ponies
1 Todd Wardell 2 Heather Wardell 3 Angela Simione

Hunter Under Saddle-Horse
1 Valerie High 2 Tammy Long 3 Carla Melasecca,

Working Hunter Ponies
1 Heather Wardell 2 Tammy Drumm 3 Jason Kauffman

Working Hunter Horses
1 Jill Kettering 2 Elizabeth Waldeck 3 Tammy Long

Hunter Hack Horses
1 Jennifer Eckel 2 Debi Brosius 3 Mary Ann Melasecca

4 H Open Pleasure
1 Yvonne Peters 2 Sharon Harnish 3 Missy Overbaugh

English Walk Trot
1 Jessica Abel 2 Anne Parsil

Western Walk Jog
1 Lisa Sheffer 2 Lori Harnish 3 Donna Burton

Land improvement day set

GENEVA, N.Y. — Farmers and representatives of the construction industry in Pennsylvania and New York State will gather here next Saturday, for the 1984 "Land Improvement Field Day."

Sponsored in part by Cornell Cooperative Extension, the one-day event will give farmers, drainage contractors, soil conservationists, and Cooperative Extension agricultural agents an opportunity to see some of the latest equipment in action.

Bulldozers, excavators, backhoes, drain plows, and trenchers will be used to install a waterway, open ditch, field tile, and a septic system, according to Larry D. Geohring, a research associate in the department of agricultural engineering in the New York State College of Agriculture and Life Sciences at Cornell University. The equipment and materials to be demonstrated will be supplied by various equipment manufacturers and distributors in the Northeast.

Site of the field day is the New York State Agricultural Experiment Station at Geneva. There is no admission charge, and lunch can be obtained at the site.

In addition to Cornell Cooperative Extension, other sponsors include the Agricultural Experiment Station at Geneva, the New York Chapter of Land Improvement Contractors of America, the Soil and Water Management Program at Cornell, and the Ontario County Soil and Water Conservation District.

Additional information about the "Land Improvement Field Day" can be obtained by contacting Geohring at (607) 256-3156.

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ALFALFA - Topdress after 2nd cutting if you missed the 1st. Remember, established alfalfa is a legume and does not need nitrogen. Insecticide spraying after 2nd cutting.
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MAILBOX MARKET

Wanted NH 903 self propelled haybine for parts Col Co 717 784 1779

For Sale Cheviot spring lambs local delivery $55 00, 717 626 6802

For Sale Butcher your chickens $75/piece Incl cut & wrap $ 05 extra for freezing Adams Co 717 528-8694 or 717 624 4005

For Sale - Wood pallets, young beef type calves 2 feeder bulls, 2 young sows & cut boar, York Co 717 244-0624

Wanted JD #237 corn picker after 5 p m York Co 717 252 2065

For Sale Oliver (Wet more) recrutter for grinding Hi moisture corn at silo Lanc Co 717 626 5555

For Sale 2 belt driven refrigeration compressors w/condensers to be sold at Good's Auction Aug 1

For Sale Int cub cadet 12 h p 44" cut A1 shape $1900 00, Char Lynn hyd motors 95 00, York Co 717 927-6967

Wanted 880 NH har vester knives 479 haybine, large round bale feeder & belt type baler for any size York Co 717 292 6361

For Sale Tapered 7' locust posts 1st & 2nd Wanted Reasonably priced baler to bale corn fodder Lanc Co 717 354 0192

Wanted 200 or 300 good used tomato baskets John K Beller R D #1 Lynwood Rd Ronks Pa 17572 Lanc Co

Wanted 10 cord firewood pole length preferred delivered near Leola Pa 717 394 3607

For Sale Tyler wheat for seeding certified last year, nice kernal size limited amt Early sauce apples Lanc Co 215 445 5704

STARTING AS OF
JULY 30th
MAILBOX MARKET DEADLINE WILL BE MONDAY AT 5:00 P.M.

MAILBOX MARKET

For Sale - DC Case tractor, w/eagle hitch, p t o. clutch, 12 volt system, $950 00, Lanc Co. 717-626-5438

Wanted - 4 wheel pony cart or pony spring wagon call before 8 a m & after 8 p m Lanc Co 215-354-4354

For Sale - Double bench lawn swings, porch swings, glider's $5 00 off w/add John B Zook, Peters Rd , RD#1 Kinzer, Pa 17535

For Sale - Passion play & Luther country tour Last opportunity Sept 10-21 $1785 Phone for exciting details (215) 987-3419

For Sale - 12 yr old pinto gelding, 13 3 hands Solid & sound Has shots good disposition $650 Berks Co 215-779-1008

For Sale - 10 half trusses 46'L 10'H Rufus M Hoover R1 Kurtz Rd , New Holland, near Favorite Mfg Lanc Co

For Sale 4T steel feed bin like new $395 00, Jacob S Stoltzfus RD2 Airville, Pa 17302, York Co

For Sale 100 Bu soybeans for feed, Adams Co 717 528-4475

For Sale 12 mo Reg holstein bull sired by Tradition EX Dam w/records-22,527m 3 7% 842F $700 Berks Co 717 933-8403

For Sale Danuser post hole digger w/16" auger $550 Mifflin Co 717-899 6481

For Sale - Reg Hol coming w/2nd calf bred to Stewart, 4 1% test, 4 generation high test Leb Co (717) 865-6836

For Sale Used barn log 7"x10"x29' long Wanted 2 windows 41"x54" w/12"x12" panes Leb Co 717-866-2246, No Sunday calls

For Sale - A/C B tractor $550 & Woods 5-ft rotary mower $450 Amity Twp , Berks (215) 385-6537

For Sale - Nice, gentle riding horse, good w/children Lanc Co 215 593-5103

For Sale - NH Super 69 baler good cond , w/PTO bale thrower $800 or make offer Franklin Co 717-532-3989

For Sale - JD #216 Forage wagon, 2' extension, roof, 10 ton running gear, Flotation tires, reconditioned, $1400 00, Fulton Co 717-485-3334

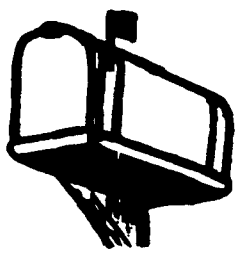
For Sale JD 24T baler w/thrower $1000 or best offer Leb Co 717-867-1227 No Sunday calls

For Sale - 7' IH sickle mower for 3 pt hitch, new tire, cutters, pitman $325 Lanc Co 717-687 6791

For Sale Servel gas refrig PTO shaft for 310 NH baler Gideon King 2552 Bachmantown Rd , Ronks, Pa 17572, Lanc Co

For Sale - 1952 8N Ford 12 volt elect , new paint, 3 new tires Col Co 717-784-6799

For Sale - 3 grade holstein springing heifers due soon Good size & udders Blood tested Frank Co , 717-349-7281



FREE

Subscribers to Lancaster Farming will receive one advertisement FREE each month in our Mail Box Market Subscribers using the Mail Box Market will be governed by the following rules

Limit your advertisement to 20 words area code must be added to phone number and due to repeated requests please include your county for buyer and seller convenience all advertisements must be mailed to the office by Tuesday or same will be held over for next week s paper no business advertisements accepted

Include your Lancaster Farming mailing label and mail to

Mail Box Market
Lancaster Farming
P O Box 366
Lititz PA 17543

No Phone Calls Please

MAILBOX MARKET

For Sale - Percheron mare, works anywhere, proven brood mare John Weaver, Box 320 R2, Stevens, Pa 17578

For Sale - AKC blue eyed Siberian Husky pups $75 Lanc Co 215-445-4267

For Sale - Small size deep freeze cooler, lined w/coils $75 Ben E Stoltzfus, RD1, Box 345, Peach Bottom, Pa 17563

For Sale - Used Henry Blank liquid hog manure pump, Lanc Co Amos E Beiler, 11 N. Kinzer Rd , Kinzer, PA 17535

For Sale Carriage horse, 9 yr old safe Lloyd H Martin, R1, Box 782, New Holland, Pa 17557

For Sale - JD 720 LPG, NFE 3 pt hitch, good cond $1600 Lanc Co 717-548-3294

Wanted - Old White Mountain ice cream freezers, all sizes or parts, tubs cranks, insents, Lanc Co 215-267-7049

For Sale - Reg heifers due in Aug Sired by 29H3098 & 29H3815 Lanc Co 717-442 4316

For Sale AKC Shetland Sheepdog Toy Collie puppies, good markings, ready Aug 13, $125 Leb Co 717-949-3427 after 3 p m

For Sale - 10 sows due soon H open gilts all selected from good clean stock Lanc Co 717-354 5360

For Sale - Deutz model F2L912 2 cyl diesel $2000 00 also JD 4440 4 post qu good cond, Chester Co 215 383 6818

MAILBOX MARKET

For Sale Reg Quarterhorse, 15 hands, 17 yrs old, exc manners, cond $400 Baltimore Co MD 301 444-5032 ,

For Sale McConnell bulk potato wagon holds 7 ton, good shape, Lanc Co 717-656-8449

Wanted - A aermotor windwheel & tower for reuse Abram K Lapp, RD2, Box 141, Quarryville, Pa 17566 Lanc Co

Wanted - 1 overhead garage door, 10' wide 8' high Cumberland Co 717-243-9059

For Sale - 1949 Chrysler suitable for restoration or parts $250 York Co 717-757-2842

For Sale - Rubber tire top buggy, hyd brakes, good cond , also tomato baskets used 1 to 4 seasons. Lanc Co 717-733-6697

For Sale - 215A dairy farm, 2 barns, 2 silos, pond, mineral rights & nice home $110 Stuebin Co NY 607-527-8302

For Sale - Farmall cub, rebuilt engine w/plow, spring tooth harrow, cultivator, sicklebar mower, snow blade, platform, Bedford Co 814-847-2848

For Sale - 471 Detroit diesel $1100 Union Co 717-523-0352

For Sale - 1980 Dodge swinger motorhome, 26', low milage, 440 engine generator, sleeps 6, York Co 717-244-7716 after 4

For Sale - Avco NI blower #620 used to fill 3 silos, like new, 3020 JD diesel WF York Co 717-637 8172

For Sale Full size cap for pickup truck 717 284 2266

For Sale - (2) 9 5x24 Firestone tractor tires, like new, Adams Co 717 677-8962

For Sale Belgian gelding yearling, blonde w/wht mane & tail, exc care Passaic Co 201 728 8216

For Sale - 450' of new 2/0 welding cable $1/ft Berks Co 215-929-0381

Wanted - Up to 50 Muscovy ducks, 3-5 wks old preferable, may be slightly older or younger York Co 717-428-2617

For Sale Rissler taper board feeder 58' w/drive unit $375, 5 ton metal feed bin $125 Leb Co 717-273-0094

For Sale - Gehl C-40 silo filler, NI #10 spreader, both in good cond , also silo filler parts Perry Co 717-789-4569

For Sale - JD 45 combine complete or for parts Franklin Co 717-328-5414

For Sale - 8 hole hog feeder, 720 Oliver haybaler, 1974 Mustang Ghia, 6 cyl , 3 speed Juniata Co 717-444-3996

For Sale - Delco Remy generators to fit car or tractor, some 6 & 12 volts, make offer Sch Co 717-345-4489

For Sale - '66 Ford sedan, $600 '53 Ford for parts $250 '64 Ford pickup (parts) $100 Wayne Co 717 698-5070 -

For Sale ¾ HP motor, Skidoo snowmobile, Sunbeam clippers, Honda passport cycle Wanted Gas driven golf cart Berks Co 215-683-5269

For Sale - D-2 Cat bulldozer, good cond $3000 Berks Co 215 777 7349

For Sale - Rebuilt injectors for TD9, Int set of 4, Sam Stauffer, Box 107, Loveville, Md 20656

For Sale - Corn Cribs, wire & wood 7'W 76'L 12'H all wood 10'W 86'L 12'H, pig barn 36'W 60'L, 15'H w/21 trestles 40'L 7'H Chester Co 215-444-5943

Wanted - Big Dutchman poultry feeder for broilers or similar make Lanc Co 717-687-6648

MAILBOX MARKET

For Sale Hackney show pony gelding, rides & drives $475, Beginner's pony $250, cart & harness, $150, Lanc Co 717/284-4340

Wanted - Heifers to board for both summer & winter Lanc Co 717-367-9295 after 6

For Sale - MC cornpicker working cond , $600 00, Amos F Beiler RD #1 Gap, Lanc Co across from White Horse Hotel

For Sale - JD Van Brunt grain drill $100 00, MF forage box-high flotation tires, 3 beaters, $1500 00, Lanc Co 717-733-6997

For Sale - 26" 5 spd Schwinn tandem bicycle 1971 model but slightly used Lanc Co (717) 626-5669

For Sale - Hampshire lambs reasonable free kittens, HJ Showalter, Lanc Co 717-859-1094

Wanted - NH 1010, 1002, or 1003 NH stackliner, 717-385-4988.

For Sale - Model "L" JD tractor, cultivators, plow & 5'x7' trailer New paint & rubber $2700 00, Montg Co (215) 723-9280

For Sale - 1980 Plymouth Horizon 4 dr , 4 spd , stick shift, AM-FM radio $2450, 215-255-4630

For Sale - Purebred Charolais Bull, Quigan bloodline, Good disposition ready for service $850 Also 5 purebred heifers, 717 458-6526 or 717 458-5880

For Sale Wood ice box $250, Axles for Forn 8N Jubilee $75, Wagontown, 215-384-2249

Wanted To Buy Minneapolis Moline tractor for parts-Jet Star 4 or 445 Sch Co 717-648 1087

For Sale - 11 head Angus heifers 18 mos , open, good blood lines, Chester Co , 215-869 2679 after 7 p m

For Sale - Surface Grinder 6x24 Magnetic Bed New motor, new tubes, Exc cond (215) 267-2838

For Sale - Drawing table-Stacor 6 ft metal with 4'0" board and adjustable light Exc cond , $295 00, (215) 267-2838 or 777-1129

For Sale - 1980 Rabbit diesel, L series, 4 door, black, new tires, good cond $3295 Berks Co 717-866 4280

For Sale High side hay wagon $595 IH fast hitch mower for 200 or C $275, truck tire cage 717 354-0266

For Sale - Parts from Farmall M diesel, starter, injection pump etc , IH 23 corn sheller attach $100 Sullivan Co 717-924-3847

For Sale - Hyd drilling rig driven by 6 cyl Ford engine, completely rebuilt, mtd on steel frame $1800 609-629-6596

For Sale #314 circular saw grinder, also #354 clipper blade hone, both are Foley machines, exc cond Dauphin Co 717-566-0724

For Sale - 430 JH baler, #10 thrower, 4 btm MF 880 semi-mtd , $1800 JD 4 btm trip plow $650 717-253-5924

For Sale - 1½" tube gates, 14' $63, 16' $67 Jonas K Lapp, Rt 1, Box 507, Quarryville, PA 17566

For Sale - Tobacco lath, bale box, pony saddle, 65 Ford 500 flatbed truck gross 17000 Lanc Co. 717-442-4510

For Sale - Corn binder complete w/loader & engine, good cond Bennie M Kauffman, Box 285 along Bll Rd Christiana, Pa 17509

For Sale Fresh broccoli, kale, collards, string beans, summer squash, cabbage, herbs JD M w/equip Millers, Carroll Co MD 301-239-7503

MAILBOX MARKET

For Sale - 2 yr old grey ½ thoroughbred gelding, super hunter, jumper prospect Chester Co 215-932 5791

Notice - Donations by area business's sold at 4-H Auction, Lebanon Fair, 8-9-84, displayed at Leb Valley Natl Bank Schaefferstown, Pa

For Sale - 1983 Chev 4x4 P/U tk, 305 engine, dual gas tanks, overdrive, 25,000 miles 717-866-4185 or 215-589-2966

For Sale - Resettling Smedley steer self feeder, JD flail chopper, barrel cradle, feed troughs, galvanized gates, etc Chester Co 215-857-2497

For Sale - Budget 1 ton electric chain hoist, single phase 110-220, 30' lift, Sch Co , 1-717-385-0723 after 6 p m

For Sale - Cottage along roaring creek, Col Co , good trout fishing Lanc Co 717-354-9645

For Sale - Tailgate & rear window for 73-78 Ford P/U truck $25 00 for both, tailgate dented, Kirkwood, 717-529-6715

For Sale - Reg Nubian yearling milker $125 00, Reg due kid $75 00, both shown successfully this year White Hall, Md 301-343-0026

For Sale - Myers high pressure sprayer 50-60 gpm pump 500 gal epoxy lined tank, good cond , Berks Co 215-689-5361

For Sale - 3 horse stock trailer, 10 ft long, 7 ft high, like new $2100 or B O Perry Co 717-567 9773

For Sale Large Reg Hampshire ram ex blood lines, 5 yrs old $100 00 after 6 p m Chester Co (215) 469-6110

For Sale Chicago Industrial high torque impact air wrench-new-one year quarantee $300 Value for $90 Montg Co 215-754-7012

For Sale 320 pcs of 16"x24" double strength glass, also 4 used carpets, Luke M Martin, Berks Co (717) 933-8541

For Sale Int 6 cyl 241 eng transmission complete $150, JD Grd drive manure spreader $75 Berks Co 215 582-4226

For Sale - Surge 800 gal bulk tank white jacket like new-fenders for 1650-1850 Oliver-exc Berks Co 215-845-2420

For Sale - 1979 GS 550 Suzuki good cond , $600 or best offer, 717-665-7520 after 6 p m

For Sale - JD #6 harvester corn & grass head ex 1000 RPM, 1936 JD A as is, York Co 717-432-3991

For Sale - JD 112 chuck wagon w/high sides $625 00, old JD hyd cylinder $35 00, York Co 717-862-3833

Wanted - Potato digger & planter, state particulars, Ira S Beiler Paradise #1 Box 189 Penna, 17562, Lanc Co

For Sale 3 tobacco ladders 35 00 ea Jonathan Herschberger RD3 Box 467 Dry Wells Rd , Quarryville, Pa 17566

For Sale - Case 300 tractor w/bad eng , eagle hitch, old-style loader $300 or best offer Perry Co 717-589-3008

For Sale or Trade For livestock Timothy clover hay contact Fred semrau Rt 17 south of Millerstown Penn 17062

Notice - Free to good home, large lab retriver & german shepard mixed breed 14 mth old, broke Lanc Co 215-267-7267

Wanted 20 feeder steers between 450—650 lbs Lanc Co 717-354-9579

For Sale - Tractor tires 14 9"-38" on 13-38 rim David K King 929 Erbs Quarry Rd , Lititz, Pa 17543, Lanc Co

MAILBOX MARKET

For Sale - 1961-F800 Ford 10x20 tires, 5+2 spd rear air brakes, 5 yd dump after 9 p m Carbon Co , 717 386-5438

For Sale Reg TB mare, bay, 15 2 8 yrs sound, clean legged Has hunted Could breed, $2500 00, Chester Co 215-286-5560

For Sale - Double 3 milking parlor, JD #54 manure spreader, Patz silo unloader silo distributors, Gehl forage wagon, 717-292-1405

For Sale - Case wagon gear 15 in. tires good cond , $165 00, York Co 717-235-2032

For Sale - 4, J knives for J D 3800 harvester, Joe H Zimmerman RD 1 Leola, Pa 17548, along Rt 772

For Sale - 2 Badger forage wagons 14' boxes-8 ton running gear-3 beaters-w/roof exc. cond , Sch Co 717-682-3812

For Sale - Farm hand hydraulic dump box trailer, 8' lift for bean or sweet corn harvester, York Co. 717-993-2841

For Sale - 20 reg polled hereford cows, mostly w/calfs, 10 heifers, 5 bulls 717-345-8114

For Sale - McCormick Deering corn binder, PTO rubber wheels, $500 00, Isaac E Beiler, 3900 Barnsley Chrome Rd , Oxford, Pa 19363, Chester Co

For Sale - Turkeys hatched 5/9/84 3 00 ea , haybine 469, N H baler 14T $350 00, J D mix/grinder $750 00 badger, Mont 215-234-8728

MAILBOX MARKET

For Sale - Inter No 15 hay rake all rubber teeth good cond $600 00, Berks Co 717-933-4584

For Sale JD 38 harvester, 2 N row corn head good cond , 1400 00 Lanc Co 717-626-6768

Notice - We will raise your heifers for you Day old to breeding age 717-665 5210

For Sale - Ford Jubilee w/backhoe & front end loader $3500 00, corn crib $300 00, steel doors $10 00 ea Lanc Co 215 267-5444

For Sale - Combine cleaned rye Bulk at $2 75 bu if picked up by Aug 10th, Lanc Co (717) 367 9543

For Sale - 1984 Honda 200M 3 wheeler Racks & hitch Wanted - Badger single chain conveyor & feeder Lanc Co 717 665-3865

For Sale - Reg polled hereford bull 2 yrs old, 12 HP economy tractor w/48" mower Adams Co 717-528-4914

For Sale - 3-TD 9 Inter loaders, 1 good 2 parts, 5 gal paint any color, I beam & pipe, 717-692 4444

Wanted - Transfer case for Dodge power-wagon, For Sale - A-C hay chrusher, 1-H lime & fertilizer drill, Lanc Co 717-665-5727

For Sale - NI No 10 corn picker ex cond , also Kilbros Gravity bin on running gear, Lanc Co 717-626-5532

For Sale - Woolen rug material, old gray shawl, white muslin quilt Lanc Co 717-626-8181

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MAILBOX MARKET

Wanted Rabbit cages, wire or wooden, reasonable, Lanc Co 717 733-6319

For Sale 2 Albino Peafowl $35 ea 4 wheel pony wagon restored $1000 Lanc Co 717 569-5150

For Sale Portable Lind say air compressor, 25 CFM w/Wisc engine, Lanc Co 717 687-6539

Notice - Stud service w/AKC beautiful sable & white farm collie, reasonable Lanc Co 717-656-8585

For Sale - Guernsey Crossbred family cow, just fresh & tame, 4 yr old Standardbred carriage horse 215-445 5796

For Sale Pennrad & Maury Barley, certified $2 75/bu Ear corn $115/ton 10' Oliver transport disc Berks Co 215 367 7256

For Sale 1963 F600 Ford w/sound engine to be ... in, good 16' grain bed 717 548 3401 before 7 a m

Wanted Deep freezer that doesn't work or small tank Daniel B S ... R#2, Box 18, Christia Pa 17509, Lanc Co

For Sale - Hol heifers due Aug choice of 5, NI 751 crimper Abram F Stoltzfus, Locust St R1 Leola, Pa 17540

For Sale - McCormic #9 cutter w/shredder bars, good working cond, Chester Co Omar S Kauffman, R#2, Honey Brook, Pa 19344

For Sale - Horse drawn farm equip, Osborne sickle bar mower $25, walk behind plow (Hamburg) $30 Berks Co Adam Weaver 215-944 7681

For Sale Purebred Australian Blue Heeler cattle dog puppies Wanted - Rear tractor tire & rim 14 9-28 Lanc Co 215 286-9052

For Sale - Hyd tomato greenhouse for approx 1000 plants, includes furnaces & equip operation now, reasonable Lanc Co 717-733-7839

For Sale - Grandmother clock, cherry, Westminister chimes, moon dial, German movement York & Adams Co line 717 432-4597

For Sale - 1948 GMC small flatbed truck, restorable cond $675 Fordson tractor, $195 Fordson rear steel wheels, $65 Bucks Co 215-249-9151

Wanted Good used milking equip, vacuum pump, milkers, pipeline, milk pump, around 600 gal tank, Garrett Co MD 301 334-4094

Notice Pick your own blueberries, prime berries avail now 50/lb Pemberton, Brulington Co NJ 609 894-4977

For Sale 173 acres, newly built 6 room ranch house, w/barn & out buildings, Fulton Co 717 987 3498

For Sale 4 metal cots, 1 trundle, w/good as new mattresses $20 each York Co 717 927-6947

For Sale 1 King Zeero J&E builder model #2084 in exc cond Lyc Co 717-547 1101, after 8 p m

For Sale NI 324 corn picker, 12 roll husking bed, tile for walls, bunk feeders & feed troughs Berks Co 215-488-7433

For Sale 1 reg polled Hereford bull, 3 yrs old, quiet, sound breed, Victorious bloodline Columbia Co 717 437 2656

For Sale 12' all steel flat bed for truck Snyder Co 717 374-4246 eves

Notice Free purebred German Shepherds male 1½ yr old, female 6 mths 1 717 442-8535

Wanted - Large building to rent in the Intercourse area Lanc Co 717-768-3625

For Sale 13' Int grain head w/Hume reel fits 203 combine Columbia Co 717 672 9426

For Sale - AC model G w/rotary mower & cultivators, York Co 717 755 8158

For Sale Palamino Quarterhorse reg, 10 yrs old 15 hands, rides western, must sell Columbia area, 717-684 0887

For Sale AKC miniature Dachshund, 2 yrs old 215-445 4665

For Sale 2 stylish reg morgan weanling colts, exc bloodlines $600-$800 Allegany Co 301 724 4275 after 5 p m

For Sale - Dismantling Farmall Super C w f e Farmall Super C FH Clinton Co 717 725 3604

For Sale - 80' of 2" suction hose, new, Bucks Co 215 536 2023

For Sale NH 3 pt har vester, like new For Sale Top buggy w/rubber & brakes, new 1976 Lanc Co 215 445 6311

For Sale Hay, Alfalfa, Timothy Mixed 1984 1st cutting, $1 75/bale, Meadow hay 1983 cutting $1 50/bale York Co 717 428-1162

For Sale Pair black draft horses, 1 mare, 1 horse, 8 & 9 yr olds, broke $1200 York Co 717-229 2500

For Sale - Belgian Stallion July 23, New Holland by Illini Masterpiece dam, Linda Farceur Mahlon Byler, Box 101, Kenton, Del 19955

Wanted - 18 or 20 ton tag a-long trailer, Cumberland Co 717-423 6585

For Sale Case 530 construction King backhoe, diesel, 2 buckets, good cond $6500 Leb Co 717 865 2705

For Sale - Reg Belgian mares w/fillys by side, also Stallion, Cumb Co 717 423-6293

For Sale - Pair of nice size work horses, need more work, Lanc Co 717-859-3495

For Sale - 3 Wisc 2 cyl TFD engines, elec start $100 ea Int 300 utility tractor, parts $250 Bergen Co NJ 210-327-6064

For Sale - Int round baler, $5500, 1973 Dodge dump truck, $2500, Hawkbuilt fertilizer & lime spreader $2500 Albemarle Co, VA 804-295-2376

For Sale - 2 Pedigreed Hereford heifers, Sunfish sailboat, also AKC Basset Hound puppies Lanc Co 215-593-2493

For Sale - 1979 MF 550 diesel combine hyd air 13' bean head, MF 1143 corn head $25,000 Lanc Co 215 267 6692

For Sale - 5' rotary mower good cond $250 NH 368 tandam axle spreader, LH drive $1200 York Co 717 456 5484

For Sale #350 Owatonna self propelled windrower w/Ford Ind engine $1800 22' steel truckbed $750 Bradford Co 717 364-5318 or 458-5275

For Sale Fox silo blower used very little Wanted Cement mixer, PTO or stationery Lanc Co 717-665-3865

For Sale Ontario 13-7 grain drill, steel wheels for 9N Ford tractor, Gideon Stoltzfus, Blain, Pa 17006, Perry Co

For Sale - IH 27 baler w/thrower, 11,500 DeKalb 231 pullets, 20 wks old on Sept 20, 1984, Dauphin Co 717 362 3333

For Sale 12 00 16 5 Goodyear custom hi-miler tires $40 ea Dauphin Co 717-533-6770

For Sale - 2 btm pull type plow, fireplace pipes w/blower, 4 burner gas range w/oven, kerosene heater Adams Co 717-334-0349

For Sale Maytag engine single cyl model 92, run nice, some orig green, $60 Lanc Co 717 859 3374

For Sale Deutz diesel 10 hp elec start & clutch $300 10 HP Briggs, elec start $100 Lanc Co 215 445-5834

For Sale 8' truck camper, has gas stove, light, furnace & ice box $450 Adams Co 717-624 8453 after 5 p m

For Sale Zook liquid manure spreader Amos B Zook, Buena Vista Rd, RD 1, Box 95, Gap Pa 17527 Lanc Co

For Sale Dried walnut & cherry lumber, Goods Auction at Leola, Aug 8 R John Yost, R2, Box 281 A, Narvon, Pa 17555

For Sale Guineakeets, Netherland Dwarf Rabbits, Modena Pigeons, Berks Co 215 582 2587 after 5 p m

Wanted Buying Muscovy & Mallard ducks inside or outside quarantine area Berks Co 717-933 4606

For Sale Triumph M J mount 7' sickle bar mower $1500 Mont Co 215 666 5795

Wanted Craftman used push lawn mowers, also Yardman gang mowers Moses S Lapp, RD 2 Box 277, Myerstown, Pa 17067

For Sale 7 chicken nest, used 3 months, exc cond Northampton Co 215 252 5889

Wanted - Used dumping station, good cond preferred Lanc Co 215 445 5522

For Sale $195, black Ivanhoe star bull, dam by Elevation 4% test & 20,000 M E, 3 months, Lanc Co 717-687-8893

For Sale - Purebred Nubian Billy goat, 2½ years old, black, good bloodline & producer, docile, price neg Snyder Co 717-694-3046

For Sale - 2 gravity wagons, approximately 160 bu size, w/5-ton & 8 ton running gears, Lyc Co 717-998-2260

For Sale - 2 JD #45 combine, NH 995 combine, 1 model 56, Int corn planter, Kent Co 302 492-3256 after 7 p m

For Sale - 1 40 ton mix mill feed factory $8100 717 653-8783

For Sale - 800 board ft, old barn siding, 1½ miles, north of 340 on Churchtown Road, Benuel S Blank, R2, Narvon Pa

For Sale Lathe, metal cutting clausing, quick change, 12"x 36", cabinet base $1150, 4 jaw chuck, Del Co 215-565-6038

For Sale NI #7 corn picker $450 #2A Int hay crimper $50, in good working cond NW Berks Co 717-933-5232

For Sale 2 used #5 Smidley hog feeders, fair cond $80/feeder both/$150 Northumberland Co 717 425-2194

For Sale AKC Cocker Spaniel puppy, blonde female, shots, wormed mother on premises $90 Perry Co 717 789 4358 after 10 a m

Wanted Small bulk tank, milker pump, milking equipment water heater, stainless steel tubs, stanchions, small cow herd Snyder Co 717 658 3125

For Sale 1 cyl lom bardini 530 type diesel engine $400 Emanuel K Esh, RD1, Box 455, Quarryville, Pa 17566

For Sale - 8000 gal steel water tank w/ladder Christian Z Fisher, R#2, Box 263, New Providence, Pa 17560 Lanc Co

Wanted - Used welder York Co 717-266-3583

For Sale Harley Davidson Baja 100 dirt bike, rebuilt eng, good tires $250 or trade for fert shreader, Harford Co 301-692-2006

For Sale E-24 Carco Winch for AC HD 5 or 6 $600 Triumph hydro mower (Industrial) $550 Bedford Co 814 733 2731

For Sale 450 JD dozer w/6 way power blade in A1 cond Lycoming Co 717-398 0477

Notice - NH #7 silage wagon on NH gear, good cond, to be sold at David Good Sale, Leola, Aug 1

For Sale - Prizer wood & gas combination cook stove, very good cond $500 Lanc Co 215-286-6435

For Sale - NH 1010 bale wagon, good cond $2000 Wanted - Parts off of Fox harvester Lanc Co 717 354-5691

Wanted NH 402 hay crimper, state price & cond David F Smucker, RD1, Box 294 Bartville Rd Christiana Pa 17509

For Sale VH 4 cyl Wisc engine overhauled w/battery starter $750 Christ M Stoltzfus, Quarryville, RD2, Box 253, Pa 17566

For Sale Favorite rabbit cages w/auto waters & feeders, milk cooler Levi R Beiler 225 A N Hollander Rd, Gordonville, PA 17529

For Sale High pressure washer GM/5 7 deisel for parts 1 AKC Cocker Spaniel, female Lanc Co 717 733-8007

For Sale McCormick PTO corn binder, A1 cond Lloyd Z Martin, RD#1, Box 544, New Holland, Pa 17557

For Sale - Horse drawn single cultivator, $50, 2 upright sump pumps $20 ea York Co 717 755 9418

For Sale 7' sickle bar mower side mount, single pulley, for AC-WC tractor or others $125 Luzerne Co 717-654-1569

For Sale - Suffolk ewe lambs from 150% flock, healthy, 100-125 lbs $80 Monroe Co 215-381 3780 before 9 p m

Wanted - AC 80 R mower for parts, NH 77 double cam to make smaller bales Carroll Co 301 751 1571 after 6 p m

For Sale Reg Yearling Morgan filly dark chestnut, affectionate disposition, started ground driving, reasonably priced Bedford Co 814 847 2802 or 847-2697

For Sale 1980 Ford Fairmont station wagon, exc cond, new tires, air cond Ziebart, 44,000 miles $3900 White Hall, 301 343 0026

Wanted NI 760 harvester or 767 For Sale 727 Huskey bed, good cond $1800 Huntington Co 814 667 2297 after 9 p m

For Sale Standardbred carriage horse, traffic safe & sound, anybody can drive Amos K Stoltzfus Box 401, RD#1, Strasburg, Pa 17579

For Sale 7' 3 pt disc, good cond $435 York Co 717 292 6976 after 5 weekdays, all day Sat

For Sale 1737 Case skid loader $1975 Lanc Co 717-859-3869

For Sale G AC tractor, overhauled & painted good rubber w/sickle bar mower $1500 717 582 4240

For Sale Saw mill, 4 head block V belt drive, roller bearing, VD 16 diesel, blower, slab drag, 30' rollers 717-582 8188

For Sale 3 14Wx12H, overhead steel doors, complete w/shelters, 400 Case Caseomatic, York Co 717 927-6564

For Sale - Wood crates, 1500 corn $ 50 200 Universal (1 1/9 bu) $ 50, 200 Bean (1 bu) 75, Balti Co 301 687 1179

For Sale 1816 skid loader, used very little, priced to sell Somerset Co 814-267-5263

For Sale Purebred Collie puppies no papers $35 Leb Co 717 867 5254

Wanted 5 or 5½' Brady rotobeater in good cond Amos L Beiler, Loop Rd, R#4, Quarryville, Pa 17566

For Sale Like new Dion 3 B&R forage wagon w/roof & 10 ton gear Dauphin Co 717 362 9850 eves

For Sale Good 1700 Mustang steel or rubber wheels $2700 New oak 20" feeding rack $470 Lanc Co 717 733-6825

For Sale - 1969 Int school busses & parts 717-652 1957

For Sale Bred beef cows, open heifers, Nubian ADGA diary goats, all ages, herd buck special! Gettysburg 717-334 7993

For Sale 24 5x32 good year 12 ply diamond tread tires Wanted Grain saver for MF 750 860 717 464 5296

Wanted Sewing machine for sewing harness lether, reasonable, also 250 AMF Harley Davidson motorcycle Cumberland Co 609 451 3127

For Sale 1981 Honda 650 CB motorcycle, low miles, loaded, mint cond & garage kept $1300 Dauphin Co 717 469 7448

For Sale Tyler seed wheat from cert seed, planted 1983, yielded 75 bu /acre & treated w/Bayleton Northumberland Co 717 473 9417

For Sale Fordson parts, JD LA, F 12, Ideal lawn mower, others Berks Co 717-933-5994

For Sale - 1978 Chevy ¾ ton truck 4WD AT $3800 1975 Dodge ½ ton truck $2500 Lehigh Co 215-967 3957

For Sale Antique swab grain wagon, original finish $500 North Co Easton, 215-258-7339

For Sale 1 dinette table w/2 extension boards, formica top, exc cond, to highest bidder Lehigh Co 215-298-2262

For Sale - 1974 Yamaha XS 500 motorcycle, exc cond 4,000 orig miles, many extras, $575 or best offer NJ 609-478-6409

For Sale - Reliable battery/inverter system for remote or emergency power 1 2 KW to 20 KW surge Adams Co 717 677-6721

For Sale JD 2010 gas row crop 2700 hrs, good cond $3600 Gloucester Co 609-629 5241

For Sale Heavy duty hog scalding tank & 220 single phase hog de hairer Wanted Young female swans Montg Co 215 723-7756

For Sale 30 sections Hoover building scaffold, like new $15 ea Samuel M Stoltzfus RD3, Honebrook Pa 19344 Chester Co

For Sale Large quantity of huge standing (over 60') tulip trees Chester Co 215-383 5280

For Sale 2 wheel horse cart, 3 section grain bin, misc cream seperator parts Lanc Co 717 687 0606

For Sale 1965 Mustang convertible white, restored w/mostly new parts, rebuilt engine & trans, runs like new, $6000 609-641-5910

Wanted Steel wheels for 560 tractor Int Christian L Riehl, Kinzers #1, Box 66A, 17535, Pa

For Sale 20' alum truck body w/rollup door $1000 301 797-3921

For Sale 1969 T A rollback/G M diesel $6800 trade on 6 ton lowboy Harford Co 301-836 1469 after 4 p m

For Sale JD 1 btm 2 way plow for JDA or B $100 Backhoe buckets $250 Warren Co 201-453 2491

For Sale Gehl CB 600 forage harvester w/pickup & 2 row corn head, good cond Juniata Co 717 527 4608

For Sale Belt driven corn sheller $45 2 Holstein dairy cows due July & Aug 2nd calves Perry Co 717 834 3054

For Sale 200 Red Moyers, Golden Sex Link pullets 20 wk old, Aug 7, debeaked & vac 717 425 3851, Mandata

For Sale - Pedigreed mini lop bunnies, various colors, also custom rabbit cages Annville, Leb Co 717-865-2589

For Sale - 2 grain bins 3500 bu ea unloader augers & propane dryer 48' cardinal 6" auger elevator Carroll Co 301 756-2849

For Sale JD flail spreader #850, exc cond $1500 Lyc Co 717 998 9041

For Sale Pygmy goats all NPGA reg also stud service, good stock fair prices, Mont Co 215 948 6421

For Sale Manure spreader, 8-N trac, 2 btm plow, 6' mower mix hay, Wisc 2 cyl, engine horse shaft, 215-346 7410

For Sale Steel insert for fireplace, extra expansion panels to fit any size fireplace $50 Chester Co 215 857-5604

For Sale 10 yr old lead mule, also 400 wax produce boxes 60 Isaac Hoover, #1, New Holland, Pa 17557

Wanted Hay, large bales preferred, must be good quality & suitable for horses Lanc Co 717 872-6656

For Sale Little Auggie feeder wagon, new unloading conveyer & chain, Northumberland Co 717-644-1619

For Sale - 4' commercial drag harrow $50, 220 V Miller Arc welder $50, portable blacksmith's forge $40 Chester Co 215-869 3558

TRUCKS & TRAILERS

40 x 12'6" stainless Great Dane, insulated, vent doors, wood floor, slider on 20; (4) hay or tomato flat trailers 30-40' long; 30' insulated storage trailer; F 750 Ford truck tractor, new 900x20 tires, air brakes. Keens. 717-626-5420.

For Sale - '71 Ford tilt cab with cat. 175 diesel engine, 20 ft. aluminum box, $5,200 301-797-3921 Hagerstown, MD.

1970 International 1600, 17,000 lbs with box and ramp. Good condition, $1,000. Call 717-397-4513, 8-5 PM.

SALE - (50) Four Wheel Drives, Eagles Nest, Rt 850. Marysville, PA. 717-957-2566.

For Sale - '72 International stock truck, 63,000 miles, 18' bed, 4 and 2, 345 cu. inch, good tires, newly inspected. $4,500.00 412-668-2193.

1977 Chevy Truck-Silverado, V8, automatic, PS, PB, AM/FM, plus cap, $1,150 or best offer. 215-932-4528. Chester Co

TRUCKS & TRAILERS

32' Morgan dump trailer, 11x24.5 rubber, bows & tarp, good condition. 215-593-6165

For Sale - 2010 JD crawler loader, 1 ton tandem axel flat trailer York Co. 717-235-6491 or 717-235-1556.

74 White Road Boss, T/A tractor, 290 Cumm., 45,000 on overhaul, 13 spd., wet line, AC air conditioning, ex cond., $8,100. Also 24' alum. dump trailer Good cond., $4,200 or both for $12,000. 215-827-7819

1977 International 1850 Loadstar truck tractor, DT 466 motor, 5 speed, 2 speed, $7500, Bucks Co, 215-297-8354.

For Sale- 1966 D-500 Dodge 14' Midwest grain dump 26,000 GVW, runs good $2500, 215-282-3474.

For Sale - 1976 White freightliner cabover with sleeper 290 Cummins, twin screw, 13 speed, 11.225 radial tires, Budd wheels, 250,000 miles, $13,900 Call Georgia Pacific, Corp 717-285-4544.

Int. parts Int. rears 355 Cut off Int. 4070 A-B- cab, Int. 4200 hood rad lime spreader 814-672-3196

1967 International 1890, 20' flatbed with sides and power tailgate V/8 5+2 good rubber, $3200. 717-384-4318

1977 International tractor trailer 350 diesel sleeper and 40' reefer, excellent condition to go, $17,000. 215-837-6606 or 215-837-7516.

1969 White T.A. 24' roll back, GM diesel, good working truck. After 6 PM. 301-836-1469.

'84 Nissan King Cab, 4x4, 4 cylinder, 5 speed, 5,000 miles, like new, $8,950.
'83 Nissan King Cab pickup, 4 cylinder, auto., AM-FM cassette, sliding rear window, 12,000 miles, $6,450.
'82 Toyota diesel pickup, long bed, 5 speed, AM-FM, sliding rear window, $4,450. 717-733-2873.

'83 Ford F350 dual wheel pickup, 460 4 speed, PS, PB, air, AM-FM, radial tires, gooseneck hookup, 8,000 miles, like new, $11,900. 717-733-2873.

'83 Chevy heavy duty ¾ ton, 4x4, 350 4 speed, PS, PB, AM-FM, radial tires, 8600 GVW, regular gas, 18,000 miles, $9,350.
'83 Ford F250, 4x4, 351 auto., PB, PS, sliding rear window, radial tires, 9,000 miles, like new, $9,750.
'82 Dodge heavy duty ¾ ton, 4x4, club cab pickup, 360 4 speed, PS, PB, AM-FM, sliding rear window, 8500 GVW, $9,500
'83 Chevy ½ ton, 4x4, 305 heavy duty, 4 speed, PB, PS, radial tires, $8,750 717-733-2873

1957 Chevy 7 ton truck, 14 foot dump bed, motor overhauled, $1,000 or best offer 717-285-4847

70 International C01810A, 392, major overhaul March, 18' aluminum bed. All or will separate. 717-786-1882

'77 Jeep pickup, J-20, 4x4, 360, 4 BB headers, 5th wheel ball. Needs body work, $2,500 or make offer 717-786-1882

(1) '71 Ford LN 900 Gas, 15 Speed trans., tandem axle, 11x20 tires, low mileage, mounting 8½ yards, Rex all hydraulic cement mixer, very good condition.

269 Ford 950 super duty, gas, 20 speed trans., tandem axle, 10x20 tires, low mileage, mounting 8 yards, Challenge tilting paving mixer w/V8 Pony motors.

Truck's in very good condition.

These mixers will blend concrete, fertilizer, potting soil or feed.

Will separate if necessary

Butler Co.

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'69 Brockway cab over tractor, Wilson possum belly cattle trailer, $5,500. 201-364-5271

1964 International 1600CO, 20 ft., diamond plate flatbed with sideboards 21,000 GVW, good condition, $1800. 215-944-0255 early mornings.

For Sale - 28' aluminum cattle box w/deck, roll door on side, roll door and drop ramp on back and drop ramp for second deck. 717-665-4935.

TD 15B dozer, Serial #22192-Cargo F50 winch, very good undercarriage & blade, excellent engine & transmission, $15,000. 304-735-5273.

TD 24 dozer, hydraulic blade, spare set of tracks & frame & miscellaneous parts, good shape, $6,500 304-735-5273.

D8 Cat Dozer 2U, good condition, hydraulic blade, $8,000 304-735-5273

14' steel box, underbody hoist, 3' sides, 4' tailgate No dents, A-1 shape 717-966-0883

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2 Each - 15' steel dump beds complete w/front end hoist, oil pump & tank, excellent condition, $1,800 each 304-735-5273.

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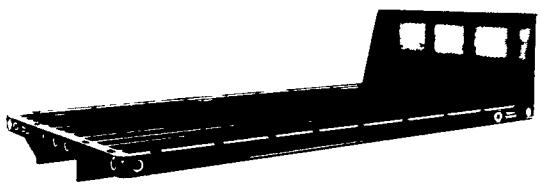

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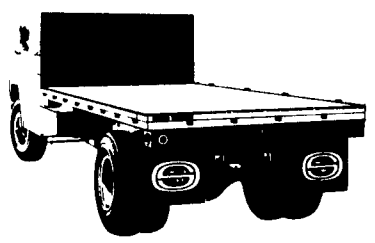

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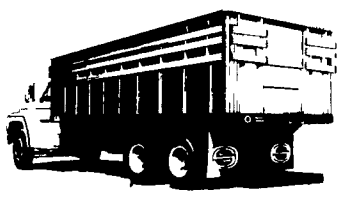

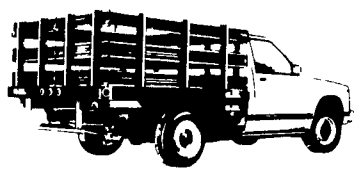

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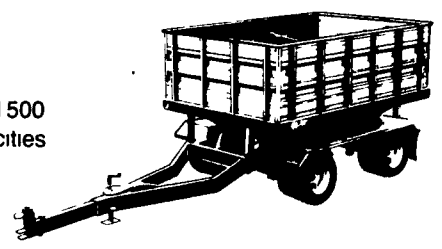

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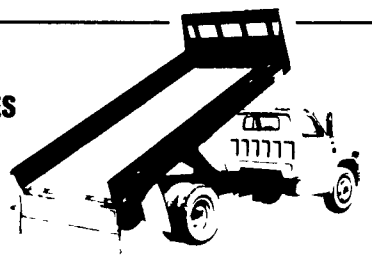

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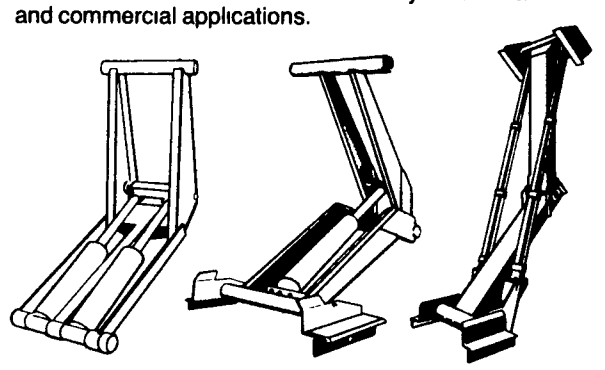

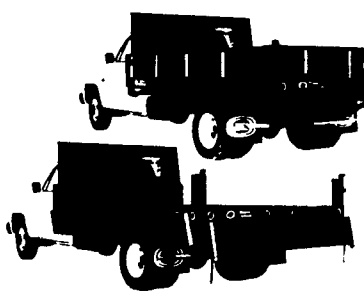

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SALE - Upper Bern Township farm, 72 acres, good condition, close to highway, oil heat, 3 bedrooms, kitchen, living room. Reply to Lancaster Farming, P.O. Box 366 L-34, Lititz, PA. 17543.

Scenic Country Properties, 4 miles from Whipple dam in Huntingdon County. Road frontage, electricity. Example, 7.7 acres for only $96.00. Maps and information 814-237-0559. Keep trying.

70 acre dairy or beef farm with nice trout stream, large 9 room brick house, 1 barn with stanchions, 1 open barn 48x110 feet, milk house with bulk tank, 14x60 silo, large trench, 80' bunk feeder with roof, shop, large corn shed, heifer shed. Blair Co. 814-793-3956.

CHESTER COUNTY - 1st class hog and steer operation, more than 80 tillable acres, silos, implement sheds, workshop $450,000. COATES REALTOR 717-291-1542 after hours 717-354-9534.

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NEED CASH? We buy unwanted trucks and parts, scrap aluminum of any kind. Wrecked dumps, vans, flats, tank trailers, etc. Call 215-944-9871 (evenings).

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STORAGE TRAILERS FOR RENT - 40 ft., nice, available immediately, delivered. Office trailers also available. 301-771-4529.

For Sale 1977 Ford LN800 389 V8, 5 & 2 speed, PS, 10:00 x 20 rubber, 27,500 GVW, 22' Duralite Van Body, will sell with or without body. 1977 Int. 1750 466 diesel, 5 & 2 speed, PS 900 x 20 steel radials. 1977 Int. 1800 446 V8 gas, 5 & 2 speed, PS, 10:00 x 20 tires. 1978 Int. 1800 392 V8 gas, 5 & 2 speed, PS, 900 x 20 tires, extra long wheel base. 301-877-9889.

Mack R700 Tri-axle 300 maxidon 6 speed, new rubber, brakes and drums, excellent condition, $25,000 or best offer. 301-879-5183. Evenings. Harford Co., MD.

1970 Ford Truck Tractor - W1000 238 Detroit 10 speed road ranger 2 speed rear 40,000 on major engine transmission rear. Bedford Co. 814-652-2066

12' steel flatbed w/daybrook hoist mounted on '58 Chevrolet Viking 60, $975. Tioga Co. 717-673-5769.

38,000 lbs Eton tandem rears with 18' double frame Only 15,000 original miles, complete, $1200. 453 Detroit diesel motor Very good running condition. Complete, $1700. 814-583-5332.

REAL ESTATE

For Sale - 170 acre dairy farm, 36 tie stall barn, house, cribs, silos, buildings and more. Call or write to Robert Martin, Box 401, Lamar, PA. 16848. 717-726-6215.

For Sale - Charming old farm house and barn on 1 acre lot near Shunk Sullivan County, PA. Pleasant location, drilled well, bathroom, 3 bedrooms. Located near State hunting lands. Call 717-924-3270 or write Darwin Crofert, Box 368, R.D. #3, Canton, PA 17724.

FREE CATALOG! Describing numerous Pennsylvania farms, camps, acreage tracts, cottages, homes and businesses. Write Dept LF, WEST REAL ESTATE AGENCY, INC., 5528 William Flynn Highway, Gibsonia, PA. 15044. PA Residence 800-922-1235, Out of state 412-443-1200.

Gentleman Horse Farm suitable for show horses, 45 miles to Syracuse, appointment only Paul Chester, Arute Realty 315-232-2771, 315-232-2971.

JUNIATA CO., 145 Ac Dairy Farm, 2½ sty home, 5 BR, bath oil heat, 50 stall dairy barn, barn, outbldgs., $279,000.
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SNYDER CO., 61.8 Ac Farm, 3 BR 2 sty. home, bath, heat, 2 barns, outbldgs., $69,900
PERRY CO., 67 Ac. Dairy Farm, 10 rm. 2½ sty., bath, oil heat, barn, milk house, outbldgs. Asking $154,900.
JUNIATA CO., 160 Ac Farm, 7 rm. 2½ sty., bath, oil heat, barn, outbldgs Asking $225,000.
PERRY CO., 108 Ac Farm, 9 rm. 2½ sty. home, 1½ baths, oil heat, 2 barns, milk house, outbldgs. Asking $289,500.
PERRY CO., 92 Ac. Farm, 4 BR 2½ sty., bath, barn, garage, stream, $160,000; OR 27 Ac home & bldgs., $89,500.
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ICKESBURG, 1.4 Ac., 2 BR Cottage, bath, oil heat, basement, fireplace, stream, $29,900.
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170 acre General Farm located in Huntingdon County. House contains kitchen, dining room, living room, family room, 4 bedrooms and bath. Bank barn (40x50), farrowing house (26x30), block garage and shop (18x20) Financing available, $117,900. Century 21, Don Rapp Realtor. 814-643-1004.

For Rent - 25 acres West Cocalico Twp., Lancaster County, solid set irrigation system installed, available in spring. Sealed bid. Sept. 1. 215-267-5444.

SIMPSON COUNTY, KENTUCKY — 188 acre Grade A Dairy. Two homes, silos, Surge equipment, 500 gallon Bulk tank, 45 free stalls, other buildings. Growing Crops. 50 miles from Nashville, TN. Buy all or part. Call owner 502-586-5062.

Quakertown area horse farm, twenty five acres, spacious barn Also stable, modern rancher Owner financing $185,000. Call 215-536-6814.

For Sale - 67 acres M/L large barn, sheds pond, 4-bedroom house, near Reading, PA, $175,000 Will help finance 215-693-5624.

REAL ESTATE

4 Bdrm. House In Union Co. - 4½+ acres in beautiful countryside, near mtns, but close to towns. EXC WELL WATER! Wood - oil - hot water heat + wood cookstove w/winter's wood supply. Strawberry patch. Profitable orchard. Nut trees. Great hunting & fishing area. $70,000 negotiable. Call 717-966-0606.

For Rent - 57 acres of fenced pasture with water. Will work on feeder shares. Box 52, Lancaster, PA. 17601.

Affordable small dairy farm, southern Bradford County. 33 stall barn, silo, pipeline, bulk tank, cleaner, good productive land, financing available. 717-364-5318 or 458-5275.

WANTED - Dairy facilities for farm to rent in Somerset or Bedford Co. 814-479-4417.

Little Britain 77 a. dairy, Cochranville 105 a. dairy (SOLD); Wagontown 128 a. gem; Oxford 102 a. gem. Call 717-529-2678.
Christian M. Mosemann
Realtor - 717-859-1004.

For Sale - Dairy farm in Cumberland Co. Approx. 100 acres tillable plus pasture. Will consider sale, lease or trade for house or small farm. Reply to Lancaster Farming, Box 366, D-150, Lititz, PA. 17543.

Christian Couple - wants dairy buildings and pasture to rent or buy. Reply to Lancaster Farming, Box 366, L-31, Lititz, PA. 17543.

DAIRY FARM - 272.5 acres + 125 woods, 147½ tillable, more than ½ mile road frontage, machine shed 48x80, cows stable 28x50, loafing shed 32x50, 8 rooms and bath house; Delaware & Maryland, land in both states, $400,000. Possession January of '85. 302-734-2638 or 302-653-9972.

283 acres operating dairy farm, 155 plus tillable, 3,000' river frontage, sandy & clay loam soil, 90 cattle, 44 milkers, some machinery ideal for dairy. Investment, retirement near Lake Ontario & St. Lawrence seaway, $156,000. Call 315-628-5850 between 7-8 a.m - p m. EDT.

REAL ESTATE

For Sale - Farm 80 acres w/pasture and stream, remodeled executive type home, 3 miles north of Lebanon Price $240,000. Contact owner at: 717-867-2053.

500 acre farm located in Cambria County includes horse barn w/68 stalls, 2 tack rooms, indoor arena w/flood lights, several houses and barns. Will sell all or part. Call 814-674-8756.

Year around vacation retreat in this 3 bedroom, 1 bath stone- brick home located on 1.8 level acres only minutes from Prince Gallitzin State Park (Glendale) Cambria County. Additional features include coal and oil fired heating system, a fully equipped large kitchen, dining room, living room w/fireplace, beamed ceiling, cedar closets, a 24x24 garage w/half bath. A great investment at only $58,500. Call 814-674-8756 for appointment.

For Sale By Owner - 23 acres fertile land. Modernized home and full size barn in good condition. Must see to appreciate. Dauphin Co. 6 miles from Hershey Medical Center. 717-367-2552.

57 acres of pasture land. Good fences, water and grass. Ready to go. Moore Farms. 717-569-0416.

FOR SALE - 80 acre farm, two-story house-summerhouse, bake oven, bank barn, other outbuildings, good road frontage, pond, $155,000. Northumberland Co. 717-758-1542.

FARM FOR SALE! Nice 3 BR home, modern kitchen, 105 acres, 95% tillable, older dairy barn for horses - cattle, new Morton barn bins. Between Ithaca - Auburn, $160,000. Optional 70 acres. Cayuga County, David Chamberlain, Scipio Center, NY. 13147.

Dairy Farm - 40 stall stanchion barn, 3-500 acres, historic stone house overlooking Susquehanna River, tenant house, 80 acres pasture, ideally suited for a dairy or horse operation. For Sale By Owner. Call For Details. 301-939-4931 or Write Box 342, Port Deposit, MD 21904

REAL ESTATE

If you're looking for a farm, land or have any other real estate needs, you'll find what you want in the Real Estate classifieds. 717-394-3047 or 717-626-1164.

100 acre Southern NY farm, refurbished house, w/w carpeting, electric heat, wood stove, bank barn, machine shed, out buildings. Picture post-card setting. Valley inside a mountain. $69,000. 215-754-7316.

Southern Huntingdon County dairy farm. 175 acres with 150 acres tillable, large barn with 44 stanchions, 2 nice homes, stream and good spring on property. Many other extras, $315,000; Southern Huntingdon County dairy farm. 111 acres, extra good home with 7 rooms and 2 baths Good barn with 27 stanchions, milk house and wagon shed, $125,000. Colonial Real Estate Agency. 814-447-5511.

Wanted To Rent - Steer farm in Dauphin, Cumberland or Franklin Counties. Would consider other counties with good growing conditions. Call 717-569-4762 or write Lancaster Farming, Box 366, L-25, Lititz, PA. 17543.

Madison County, N.Y. - 280 acre Dairy Farm, 84 stall barn, pipeline bulk tank, two 20x50 silos, outbuildings, two homes, excellent condition, $235,000. 315-662-7708.

FOR SALE - 100 acre, prime farm land, beef & grain farm, 12 miles north of Lancaster. Owner Retiring. Financing Available. Lancaster Farming, P.O. Box 366, R-8, Lititz, PA. 17543.

For Sale - 1½ acre lot near state game lands and creek. 717-527-4093.

For Sale - 1 room red brick school house near state game lands. 717-527-4093.

Lowville, NY area. Excellent 400 acre operating dairy farm. Modern Stantion barn, silos, beautiful large home. Village water. Reason For Selling--Poor Health Price reduced from $495,000 to $300,000. Complete. Moonans Real Estate, Boonville. 315-942-4824. Salesperson for appointment only Joe Campany. 315-376-6868.

REAL ESTATE

CENTRE COUNTY - 120 acres dairy farm, one of the valleys finest. $325,000. COATES REALTOR 717-291-1542 after hours 717-354-9534.

JUNIATA COUNTY: Seculded 1.04 acre setting in woods, seven rooms plus laundry and utility. Brick fireplace and woodburner chimney. Cathedral ceilings, wooden deck overlooking stream w/mountain view. Wood siding with cedar shakes. Ideal home Appointment Call 71, 436-8170.

CHESTER COUNTY - 50 acres w/old log and stone home. COATES REALTOR 717-291-1542 after hours 717-354-9534.

For Rent - Lancaster County 3 bedroom house, large living room, kitchen and bath. Available now. Young amish couple preferred. $200.00 per month. Call 717-248-2403.

LANCASTER COUNTY - 8.6 acres high meadow land w/stream, $30,000. 12 acres open ground, $42,000. Buy both for $66,000. COATES REALTOR, 717-291-1542. Evenings Call Shakespeare, 215-857-5464.

BROILER FARM
53 acres w/pasture and barn, remodeled home. (2) 2 story broiler houses.
Manheim R.D. #3
717-665-6656

FOR SALE:
Beautiful 250 acre farm mostly tillable or in pasture Barn, outbuildings, very nice house, Free gas! Make offer
814-698-2400

For Sale -
1974 mobile home, 2 bedroom, central air, expando, laundry room, utility shed, clothes line, fenced in yard, washer, dryer, stove and draperies included.
Asking $10,000.
717-367-1576

Dairy Farm
For Lease:
Potter Co., immediate occupancy, 140 acres tillable and pasture, very nice house, large barn plus other buildings, free gas
Phone
814-698-2400

100 + ACRE CHESTER CO. FARM
Quality s[illegible]ve a look[illegible]rn on [illegible] farm,
SOLD
$2300 per acre
MOSEMANN REALTOR
717-529-2678
717-859-1004

FARM w/40 acres, 20 tillable, 15 pasture, 4 bedroom home in good condition, shed w/3 large box stalls Call for showing

FREDD-EDDY Realty, Inc.
Quarryville, PA
717/786-3356

FARM OPPORTUNITIES

DAIRYMAN'S FARM

85 comfort stalls, 7 box stalls, 8 milking units, 2" pipeline, 1500 bulk tank, 16x65 silo, Patz cleaner, Patz manure pump to Lagoon 1 yr storage, 141 acres, 118 acres alfalfa, limestone soil. Immediate Possession Good area of Central PA $425,000

SOLANCO

60 Acres, 16 stall horse barn w/tack room. 2 story 4 bedroom, 2 bath home w/2 car garage, mobile home adds additional monthly income. 30+ tillable, woods & fenced in area. Call today, $165,000.

ATTENTION INVESTORS
YORK COUNTY

Under $2000 per ac. Limestone, ex. cropland level to easy slope, 130 tillable ac. + some woodland, no buildings.

Also, nearby 135 ac. grain farm, large stone home w/character. Owner ready to negotiate to your advantage. If you prefer will lease back land for 5 years at 100 per tillable acre. Be sure to call on these.

Southern York Co. farm, excellent soil, some pasture & woodland, ideal setting, road frontage, loose housing for 100 head, bunk feeder, buildings in good condition, brick farmhouse, 75 acres, 30 minutes from Baltimore, priced to sell at only $199,900.

CHECK OUT THIS OPPORTUNITY
New Listing — Lancaster Co
65 acres nearly all tillable. Homestead for many, many years. Large stone barn w/silo, bunk feeder for steer feeding, poultry house, 2 unit well kept home, quiet lovely setting, E-Town schools, much much more Priced to sell $225,000.

LANCASTER CO.

A Lancaster Co. Farm for horses, hogs, vegetables, sod or other uses. Rolling land w/frontage on Rt. 23, beautiful creek for irrigation. Must take a look at this farm, 48 acres. Priced at only $139,500.

BEAUTIFUL HILL COUNTRY

South of Selinsgrove, 15 acres, frontage, stream, woods, deer hunting, 1 mile to good fishing, 2 story house w/2 car garage, quiet location. Priced in the mid 30's.

BERKS CO.

8 acres woods, small meadow, stream, horse barn, large 2 car garage, neat small rancher w/beautiful living room fireplace. Quiet setting. High 60's.

MONTOUR CO.

108 acres secluded w/view, nature lovers delight Walk among streams, pine, hemlock and walnut trees. Harvest wood for your winter use, 60 acres of tillable contoured fields, good soil Low 90's Possible owner financing. Just minutes from Danville and Interstate 80 Sunbury.

KINGSWAY REALTY
REALTORS
1770 Oregon Pike
Lancaster
Phone: 717-569-8701
or Ephrata 717-733-3344
REALTOR

Longacre
FARM AND COUNTRY PLACES

BERKS COUNTY

111 acres, 85 t., general farm, features 2½ story double stone home Set back from road, 12 rooms, 2 baths Lg bank barn, wagon sheds and much more Boyertown area $280,000.

67 acre turkey farm, features eloquent 2½ story colonial large modern eat-in kitchen, large formal dining room, center hall, formal living room, family room, 4 bedrms , 3 baths, 4 car garage, quest house bank barn and 240x70 broiler house, 260x52, 160x52 and 150x52 turkey houses, feed bins and much more all for $350,000

MONTGOMERY COUNTY

82 acres, 65 till , balance woodland & pasture w/stream, general farm, 2½ story 5 bedrm house w/LR, DR, Kitchen & bath, bank barn & other buildings, $250,000

60 acre general farm, Boyertown area, lovely new 4 bedroom colonial w/large eat in kitchen, living room, dining room, sunken recreation room, den & 2½ baths and a private setting, $265,000

JUNIATA COUNTY

58 acre, open and wooded, 2 story brick home, kitchen, living rm , dining rm & bath, and 3 bedrooms, stable and corncrib, good hunting-fishing area, $68,000

OTHER FARMS AVAILABLE
Please Call and Tell Us Your Preference

PAUL M. LONGACRE
Rt. 100 Hereford, PA 18056
Ph: 215-679-5919

SNYDER COUNTY

65 Acre general farm w/88x45 barn w/block addition Large 90x36 implement shed, lg combination corn crib & shed Lovely 2½ story home w/kitchen, dinning room, living room 3 bedrooms & bath Completely remodeled $125,000 #344

BRADFORD COUNTY

100 acre, 80 T dairy farm, features 54 stall barn, barn cleaner, 16x50 and 16x60 silos, 20x30 Harvestore silo, w/unloaders, 60' bunk feeder, large pole barn, 800 gal bulk tank, lovely 7 room home w/modern kitchen and bath, all for $150,000 #376

235 acre dairy farm, 125T, 3 bedrm brick ranch house w/large 1 r , kitchen & bath Features new 50 cow stall barn w/pipeline milker, bulk tank, etc. 2 story bank barn for dry cows & heifers, 14x40 and 20x60 silos and bunk feeder, $300,000

BUCKS COUNTY

145 Acre jug milk farm superb facilities, lg. store & sales area, 3500 gal milk holding capacity, modern processing facility including ice cream making, 185 cow free stall, 5 lg silos, lg heifer facility, 2 double houses & 1 single home, shop, storage sheds, outbuildings, 200 cows, 250 heifers, full line of machinery additional rental acreage available Call for details $900,000

TIOGA COUNTY

284 acre dairy farm 180 tillable, [illegible]ce woodland and pasture w/2 houses Main h[illegible]od 8 room and bath Second house 4 r[illegible]th w/modern kitchen, large 46 stall ba[illegible]e stalls, bunk feeder dry cow and heifer she[illegible]milk house bulk tank, 2 large concrete silos w/unloaders good alfalfa ground All for $225 000
SALES AGREEMENT

SUSQUEHANNA COUNTY

102 acre w/14 acre natural lake 69 acres hardwood forest, large modern ranch house w/two & one car garage, kitchen, dining room w/enclosed deck, living room w/stone fireplace & cathedral ceiling, 5 bedrm , 2½ bath, workshop, 2 family rooms and apartment w/2 bedrooms, kitchen, living room, family room, bath Also 2 cabins (one winterized) and cabin site w/well & septic adjoins state gameland 15 minutes from Elk Mountain ski area $160,000

520 acre dairy farm, w/120 acre approved land fill, 165 acres tillable, new 69 tie stall barn, 20 free stalls, modern milking parlor & liquid manure system, 2 large sheds, large main dwelling & 2 double houses and trailer 24x65 concrete silo, 20x80 and 20x40 Harvestore silos, 105 cows, 35 heifers, 3 large bull dozers and full line of machinery, lock stock & barrel $1,200,000

COLUMBIA COUNTY

180 acre dairy farm, 118 tillable, 36 stalls, bulk tank, several sheds & second small barn, corn crib, 2 silos & grain storage bins. Lovely 2 story farm house with 9 rooms & 1½ baths, remodeled Slightly rolling & level good ground $225,000, make an offer, reduced $175,000 #310

187 acre dairy farm, 170 T, pasture w/stream, 2 solid and lovely farm houses, 130 free stall barn, 70' bunk feeder, harvestore and concrete silos w/unloaders, 2 large trench silos, large machinery shed, 2 large heifer sheds and much more $530,000

SCHUYLKILL COUNTY

234 acre woodland tract, joins state gamelands, borders Rt 81 & secondary road, Pine Grove area, good hunting area, call for details, $175,000

NEW JERSEY

80 acre dairy farm, gently rolling to level, streams & pond 2½ story home with 4 bedrooms & 2 baths, large remodeled kitchen dining rm & laundry 60 stall barn & 80 freestall milkhouse, bulk tank, large shop, new large machinery shed & corn crib 14x40 concrete silo & 200x25 trench silo $250,000

FOR SALE:
Beautiful 687 acre farm in northern Potter Co., PA 250 acres tillable or in pasture, farm buildings Remainder in good woodland Free gas. Make offer 814-698-2400

FOR SALE
Hog Operation and Farm, 69.5 acres. Two Modern Hog Buildings, 28x148 and 32x148, nice setting, Southern York County.
$250,000
Phone: 215-353-0553

FREE CATALOG #56 lists farms, dairies, ranches, acreage, businesses & more! In Ky & 15 states FREE!
American Farm Digest
3546 Watson
St. Louis, MO 63139
(800) 325-9943

Renovated 3 br. log home on 10 private acres, 40x70 bank barn, fenced pasture Close to Horseshoe Trail. Great for horses and livestock $79,900 Near Knauers, PA
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Finger Lakes New York
Excellent Working dairy/crop farm — 415 acres, 260 tillable, 53 free stalls, bulk tank, extra Heifer/beef barns, large pond — #1 Soils — large home. A dandy for $215,00
We have farms and farms!
WJW Realty
A.J. Farney, Broker
(Lifetime Farming)
Seneca Falls, NY
315-568-5910
568-9534

Franklin Co. Farms
190 acres w/150 till able acres of limestone land
268 acres modern dairy w/double 6 parlor, 210 free stalls
157 acres dairy, 36 tie stall barn & loafing barn
105 acres general farm w/lovely home, make offer
95 acres grain farm excellent land modernized brick home
Van Cleve Real Estate
Phone: 717-392-3032 anytime

221 ACRE FARM
2" stainless steel pipeline, tank, 3 silos, overlooking Seneca Lake.
For Sale or Lease
Owner financing.
607-243-8669

HOG FARM AND FEED MILL
2½ story colonial farm house with large barn sitting on 70 plus acres with small stream. **CARGIL - HOG HOUSE,** large metal building and other out buildings make up this package. Owner will sub divide, $445,000. Lenhartsville area.
Offered by:
John W. Monaghan Corp., Realtors
215-683-5333

WANTED
Farm for 30 sow feeder pig operation. Looking to expand. Will buy or lease with option.
814-259-3703

For Sale
Operating dairy farm. Loose housing, 112 acres, beautiful home, many extras. Salem Co., NJ Priced to sell. For more details call
609-935-6470
or write to
J & K Dairy
164 Beasley Neck Rd.
Salem, NJ 08079

NORTHUMBERLAND CO.
Dornsife, Pa.
Nice 3 bedroom house, dishwasher, electric range, more than 14,000 sq ft chicken house, 1st floor concrete, ideal for pigs or steers, elevator, heating system in part, frame bank barn, work shop with daylight basement, 2 car garage on 2 acres East of Dornsife Rt 225 Excellent buy at $85,000

CAN YOU BELIEVE
Up state farm ground $1,200 per acre Total farm fairly level 160 tilled, 284 acre farm, 64 stanchions, 24x70 silo, Agway shed 120'x38' & 38'x20', 1,000 gal bulk tank, 90x50, feed loafing barn, 90'x50', two 4-bedroom houses, horse stables Check it while available

IDEAL PRODUCE FARM
For store hardware, large business shop or warehouse on 10 acres w/4 bedroom house large modern cage layer house, can have horses steers, pigs

CENTRE CO.
45 acre general livestock farm, 14-acre house, frame barn, along Rte 192, Rebersburg, PA

MANHEIM
7 acre farmette, 2½ story 4 bedroom house, barn & two car garage

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Insurance & Real Estate
Rt. 272
Rheamstown, PA 17517

SHEETZ REAL ESTATE
RAY N. WILEY INC.
323 W. Main St.
Mount Joy, PA
CALL 653-1481
FARM LISTINGS NEEDED
Farm Salesman - Eugene Kreider

Lovely Colonial Brick Home, built circa 1850 on 5 acs. m/l of level ground in W Lampeter Township. 4 generous br's, 2 full baths, lg. LR and formal DR & lovely mod. kit. Also several outbuildings includ. a 30x40 truck garage, a 50x36 bank barn & a 4 car garage. Price SLASHED nearly $18,000 for quick sale. Priced to sell at only $124,900.
Call Clair Hershey
@ Town & Country realty today for your personal tour.
717-299-4885

SANFORD G. LEAMAN, REALTOR
717-569-4264
Auctioneer

ESTATES • APPRAISALS • LIQUIDATIONS

NEW LISTINGS

LANCASTER COUNTY
Modernized Stone Farm House with Large Bank Barn with Attached Tobacco Shed, Corn Barn on 62 Acres of Excellent Farmland This One Is Ideal For an Executive Horse Farm Hog Farm or whatever you wish

BRADFORD COUNTY
Less than $650 00 per ac for 60 acres tillable river flats with exc soil 2 silos, unloader & barn cleaner & 36 tie stalls Home partially remodeled 209 Acres total for a super buy at $135,000 00
23 Acre Farmette with 2 story 3 bedroom house, detached garage & loft A Real Charmer and great hunting ONLY $37,500 00

BRADFORD COUNTY
Real sharp 106 acre dairy with 50 cow barn on pipeline Barn cleaner, bulk tank, machine shed, 4 silos with unloaders, bunk feeder 3 miles from Wyolusing $165,000 with $130,000 FHA assumable 4 bedroom home with oil heat and oil hot water heat 1½ baths
Operating 345 acre dairy farm with an access of 180 acres tillable plus approx 80 acres or more pasture Balance, woods and timber Beautifully modernized 200 year old home plus a second home 54 tie stalls, milk house, bulk tank, silo with unloader Room for young stock Can be bought with stock and equipment for a turn key operation Call David and Laura Cooley 717 744-2587

CUMBERLAND COUNTY
Going dairy farm with quick possession if needed Modern setup and limestone soil in Mennonite area

HUNTINGTON COUNTY
130+ acre dairy, excellent farm with private financing Call 717 569-4264
85 ac woodland near Orbisonia Subdivision possible
191 ac General farm in the Three Springs area Excellent for subdivision with good amount of road frontage

LANCASTER COUNTY
37 acre poultry and general farm with double brick and frame dwelling Other out buildings Lots of road frontage excellent soil Fall possession Call 717-569 4264
Modern dairy with Lg stone farm house in National Register sm brick home, tobacco shed corn cribs, silos & unloaders, Limestone soil in a high state of cultivation Available fall 1984 NOT AVAILABLE through any other broker
Feeder pig setup with liquid pits, feed bins, modern crates and nursery pens Tobacco shed and silo on 50 acres limestone farmland Large 4 bedroom modernized farmhouse ready for your inspection

NORTHUMBERLAND COUNTY
Dairy farm with brick house, 12 cow milk stable, 2 Star silos w/unloaders lg 40' x 132' commercial bldg priced for quick sale and possession 200 acres plus with more land available w/modern free stall dairy operation and double 6 parlor Too many extras and features to describe here A Real Buy

PERRY COUNTY
20 acres mostly wooded, nice 2½ story dwelling, large pond, good for a hunting lodge or retreat, close to Fowler's Hollow
130 ac general farm, 100 ac tillable, stream, 1800's double stone home Large bank barn, lots of road frontage and owner financing
59 ac with 49 ac farmland bal wooded, no bldgs, only 10 miles from Carlisle JUST REDUCED
68 acres in Blain area with house, barn, and cabin ideal for a sub-division There are approx 10,000 fir trees planted for your future sale & income, 717-536-3236
Mountain land in many counties some with cabins, springs, water, timber and road frontage Good deer, bear and turkey areas

SNYDER COUNTY
135 acre dairy with 25 A woodland balance pasture and farmland An excellent farm for the money AVAILABLE FALL 1984

SUSQUEHANNA COUNTY REDUCED to $129,500
110 acre dairy with 70 acres tillable, 66 stanchion cow barn, bulk tank, barn cleaner, silos & unloaders Call David and Laura Cooley at 717 744-2587

For all your REAL ESTATE needs in any COUNTY call us we're the REAL ESTATE professionals.

BRADFORD CO. AREA MR. DAVID A. COOLEY, SR AND MRS. LAURA M. COOLEY (717) 744-2587

PERRY CO NEIL WINGENROTH (717) 536-3236.

101 White Oak Drive
Lancaster, Pa. 17601

FOR SALE BY OWNER.
Central New York Dairy Farm 230A 120 Tillable Timber, Gravel Bed Excellent Milk Market Endless Water Supply 81 Tiestall barn 2" Stainless Pipeline Milker 2 Bulk Tanks Barn Cleaner 2 Silos, One Filled With Haylage (Alfalfa), 50A Corn Planted First Cutting Hay In Barn Remodeled 6-Room House With Bath Stone Fireplace Buildings Excellent Sod Airstrip $166,000
315/245-0175

FARM AVAILABLE NOW PRICED TO SELL!
120 acres, 20 mile from Carlisle, nice level fields, several ponds and stream for irrigating, large bank barn and house with all improvements, large mobile home on property, owner will offer financing. Call 717-249-1165 after 5 PM

TIOGA COUNTY
78 acre farm near Knoxville Pa, 2 story frame house in good condition, 2 car garage, wood frame barn, ideal for beef cattle, 20 acres wooded, owner financing available at 12% Sale Price $60,000.
FREE CATALOG AVAILABLE
Wm. P. Connolly RE Co.
Box 467
Wellsboro, PA 16901
717-724-2565

112 acre Dauphin County Farm. 90 acres under cultivation. 13-room dwelling, summer-house, large barn, poultry building, etc. Close to Susquehanna River and Mahantango Creek.

7¼ acre Mini-Farm in Dauphin County Has a 44'x200' dairy barn with 38 stanchions

J C T Realty, Inc.
Real Estate
Millersburg, PA
PH: 717-692-2206

GETTYSBURG AREA FARMS
COUNTRY QUIET - Is the setting for this 47.21 acre property. Large 6 bedroom stone home with fireplaces in living room and master bedroom, barn and other outbuildings. Everything remodeled and up to date. $250,000 (#13306LF)
NEAR BATTLEFIELD - 4 bedroom Civil War stone home, large bank barn, implement shed, pond, spring and creek on 20 acres. Open and wooded land $139,900 (#13262 LF)
MARSHALL L. MILLER, INC. REAL ESTATE
717-334-6283 or Outside of Adams Co. Call 1-800-443-2781, Ext. C-53

"GRAND CHAMPION-DAIRY"
1st Prize for most BEAUTIFUL SETTING on 233 acres with great soils and productivity.
1st Prize judged for a "SUPREME" 5 BR HOME completely remodeled, immaculate interior, vinyl sided and large inground pool.
1st Prize awarded for a GREAT BARN that a real dairyman can appreciate, ties 85 with 2" pipeline and silos.
1st Prize for BEST COMBINATION of 100 Top Eastern bred holsteins and spotless lineup of machinery!
This S&E farm typifies the best our Beautiful Mohawk Valley has to offer Retiring owner wants to talk price!
Homestead Realty
Auriesville Road RD 1
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518-922-6301 or
518-922-8899

PITMAN
Schuylkill County, Pa.
70 ACRE FARM
approx. 30 acres tillable, balance pasture, small stream, fruit trees $70,000.

GEORGE N. DEIBERT, REALTOR (717) 425-3313
Lanny Lupold, Sales Associate
(717) 682-9494

#1 - 445 acre dairy farm. Approximately 290 acres tillable 70 tie stall barn Complete with livestock and farm equipment. $850,000

#2 - 97 acres mostly wooded, sloping land with good hunting. $32,000

#3 - 144 acre farm, house, electric into property, 3 acre pond. $75,000.

Kerr & Crawford Assocs.
Real Estate
12 Main St. Towanda, Pa. 18848
717-265-5868

Jefferson County New York
Showplace Farm
Town of Ellisburg - Showplace farm consisting of 218 acres approximately, very good soils Buildings consist of 17 room main residence, 3 bedrooms, 1½ bath, tenant house, main barn with 59 tie stalls, office/garage building has office at each and 3 storage bays between, eight stall garage with 2 bedroom apartment above, 2 machinery storage buildings and garden storage building
Brochure Sent on Request **Price $395,000**

Farm House
Located beside Interstate 81 40 acres of good land Partially wooded Butler indoor riding arena attached to 30x60 main barn 21 box stalls now used but could be few more Outdoor paddock and some fenced acreage Owner currently rents out box stalls and in the past has taught riding
Price $92,500

Dairy Farm
300 acres ± of which 53 is woodlot and 23 pasture 56 Stanchion barn with 400 gallon bulk tank, gutter cleaner, and new conveyor 4 bedroom house with modern kitchen Three other outbuildings A good farm which needs a family Owner financing available to qualified buyer
Price $125,000

Call or Write Today

CENTURY 21 WATERTOWN REALTY
1402 Washington Street
Watertown, New York 13601
Farm Salesman - G.C. Millard
788-2100 or 788-2966

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133 ACRE DAIRY FARM
Cropland - 70 acres; Pastureland - 20 acres; Woodland - 17 acres. 10 room stone home - Barn with stanchions. 50 acres in good corn; hay. Negotiable price. Farmed with mules by present owner, so can you!! Possible subdivision. Ask for Jim Sheetz.

Century 21

PIERCE & BAIR, INC.
100 W. Street Road
Kennett Square, Pennsylvania 19348
(215) 444-5536

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new pennsylvania realty, inc.
Rt. 1, Box 123, New Ringgold, PA 17960
717-386-5000 215-398-2559

70 ACRES PRIME FARM LAND
West Penn Twp. - Schuylkill Co.
Exceptional piece of land, about 65 acres tillable Large almost-level well-drained fields (Leck Hill and Hartleton Soils) Also has good bank barn and well Owner financing available to qualified buyer

All our farm agents own and operate their own farms
GARY COLES - FARM BROKER & APPRAISER

HANDYMAN SPECIAL
74 acres, 50 tillable, solid 4 bedroom house, 30x56 2 story barn, 50x28 attached shed, private location. Set well back from road. $40,000.00 Southern Tier of New York

5 wooded acres, 3 bedroom log cabin, secluded location, all basic furniture. $27,000.00. Good hunting area.

150 acres, part wooded on Blacktop Rd. near Watkins Glen Race Track and Lake. Make a nice Christmas tree farm. Asking $50,000.00 Possible owner financing.

LEW Real Estate
141 Chestnut St.
Corning, New York 14830
607-937-5637

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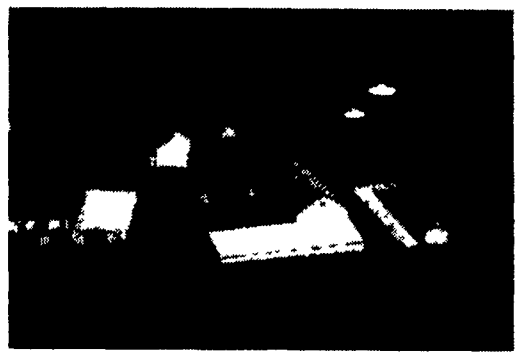
new pennsylvania realty, inc
717-386-5000 Schuylkill Office

BERKS COUNTY BEEF



150 Acre Modern Beef Farm with 2 Harvestores, 4 Lot Bunk Feeder, Slurrystore, Equip. Shed And Much More

PRICE REDUCED...CALL FOR APPOINTMENT

Call **CARL JOHNSON**
215-367-6160

SE MINNESOTA FARMS
PRICE REDUCED on 546 Acres in Mower County, with magnificent home and large grain system. 3000 sq. ft. on one level provides gracious living in the country. 3 bedrooms, sunken living room, 2 fireplaces, redwood deck plus many, many extras. The efficient grain system includes a continuous flow dryer, 80,000 bushel storage capacity, 30' scale. Also included is a 120' machine shed with insulated shop. The land is partially tiled and has an excellent crop history. Over 1,100 acres available if a larger package is desired.

538 ACRES Prime farmland in Mower County. Lovely home, large machine shed, hog finishing buildings for approx. 350 head.

680 ACRES with 2 home sites. Main farm has newer 3 bedroom, tri-level home, 2 machine sheds, pole barn. Land is well tiled, highly productive.

Call or write for details on these or any of our other listed properties We have farms of all sizes available.

NORB HAMILTON REALTY
Elkton, MN 55933

Norm Hamilton, Broker	507-584-6834
Stan Munson	507-582-3401
Larry McKernan	507-886-2555

FOR SALE:
437 acres prime woodland located in northern Potter Co., PA. Make offer.

814-698-2400

BERKS CO. POULTRY FARM
60 acres, 35,000 capacity layer house, farm house, bank barn, 2 approved mobile home hookups, room to expand in quiet rural setting of dairy farms.
215-562-7776

BLOOMSBURG BOONIES
Only 5 miles from the college campus this 6 year old year round home would be an excellent getaway residence or deluxe camp for hunting or skiing, two acre lot near gamelands, very private location. Terms available

DOUBLE EXPOSURE
Farms, commercial properties and unusual homes, will be advertised in the Multi-List Services of both Lancaster and York Counties!

OLD STONE
Close to Lancaster, this fine old stone and brick home is waiting for restoration. 6 acres of pasture make this an ideal mini farm for horses. Bank barn and stream Penn Manor Schools 7 additional acres available

HIDE-A-WAY
10 acres of woods and pasture surrounded by hundreds of acres of gamelands and woods insuring privacy and quiet 7 year old delux 2 story home with all extras 3 car garage, 2 fireplaces, heat pump and wood furnace Owner financing available Penn Manor School District

JUNIATA COUNTY
This fine large country home known as the GOODLING MANSION is just right for restoration to a gentlemans estate or hobby farm. 16 acres and outbuildings. Rooming house or rest home possibilities.

PROPERTIES NEEDED
I need listings of small farms, rural land and country homes in any condition in southern Lancaster and York Counties Please call now!!

mott holt realty
299-2578
146 East Walnut St
Lancaster PA 17602
or
426 South Main St
Red Lion, PA 17356
Phone: 244-8556

WIMPLE REAL ESTATE STATEWIDE FARMS

COBLESKILL AREA
COMPLETE RIVERSIDE DAIRY: 220 acres on Schoharie River, some flats Very good hip roof barn, Universal pipeline, 40x40 "L" for heifers, 57 milking stalls, new cleaner Separate heifer barn Attractive Colonial home w/fireplace INCLUDES 62 milkers, 53 YS, 3 tractors and complete machinery for $300,000 with large feed inventory CALL WIMPLE'S SLOANSVILLE OFFICE 518-875-6355

CENTRAL NEW YORK
ATTRACTIVE FREE STALL NEAR SYRACUSE: 320 acres, 270 tillable, 70 ac alfalfa, 200 ac corn Barn has 130 FS, double 6 parlor, 2 lrg. bulk tanks w/precooler, nearly new machine shed Nice 10 room home plus mobile home Rich honeoye soil belt Cattle/machinery available $245,000 with owner terms Call WIMPLE'S SLOANSVILLE OFFICE 518-875-6355

SOUTHERN NEW YORK
SMALL FARM... PRICED RIGHT! good gravelly loam soils on this 50 acre farm with 40 tillable Basement stable barn has 10 stalls, milk house, corn crib Owner is master carpenter, so 9 room home is in exceptional shape Low taxes JUST LISTED! $47,500 CALL FOR APPT 607 792 3355 or WIMPLE'S SLOANSVILLE OFFICE

ST. LAWRENCE VALLEY
75 STALL BARN presently running young stock on this 399 acre farm with 1 mile river frontage Home needs good cleaning, has 9 rooms, 4 bedrooms Can't go wrong for $99,000 with $20,000 down CALL WIMPLE'S GOUVERNEUR OFFICE 315 287 4163

FREE DAIRY CATALOGUES FROM WIMPLE ASSOCIATES, SLOANSVILLE, N.Y 12160

NORTHCENTRAL PA
Potter & Tioga Co.

28.4 BEAUTIFUL ACRES
A beautiful area with an abundance of mountain laurel, oak & white birch. It borders 3000' of State Land & near Baldwin Run & Asaph for great hunting & recreation. Perfect for a camp or investment potential. $6,000 dn., bal. 10% int. for 15 yrs. $148/mo. $695 Ac. or $19,700. Near Wellsboro. C-1172

BEAUTIFUL HOMESITE!
Gently rolling 4 Ac. with easy access and electric on site. Conventional sewage permit. Mostly wooded in scenic country setting of N.E. Potter co. Easy financing w/$1,100 down, bal. 11% for 5 yrs. at only $75/month. Priced to sell at $4,500. C-1159

OWNER MUST SELL!
2 story camp w/full bsmt., drilled well, electric & 3 woodstoves. Scenic 4 acres close to Hammermill land & Genesee for great hunting & fishing. All the comforts of home & dog kennel too. Near Genesee. Only $17,900 CALL TODAY! C-1070

THE Real Estaters OF WESTFIELD

108 Main St. Westfield, PA 16950
Office 814-367-2249
After 5:00

Dick Anthony	814-367-5387
Jim Helper	717-724-3717
Fritz Larson	814-435-2684
Linda Anthony	814-367-5387

PENNA FARMS
CUMBERLAND CO.

Dairy Show Place - 156 acres Hagerstown limestone soil 44 tie stall barn w/pipeline milker Patz stable cleaners, 1000 gal bulk tank, 16x50 sealed silo w/bottom unloader, 44 free stall barn w/64' feeder, 20x60 silo implement storage, beautiful stone and frame dwelling 20x40 inground pool a dairy family's dream farm plus 12x60 mobile home for hired help

176 Acre Dairy. 100 crop acres, 40 tie stalls, manure pit, 2 silos, implement storage modern 4 bdr brick dwelling

156 Acres Modern Dairy, new dairy unit with double 6 parlor, 6 milking units, 1500 gal tank, 108 free stalls, lagoon (year storage) 3 silos, 2 floor bank barn with 48 tie stalls, 4 bedroom dwelling, beautiful view of valley 14x70 mobile home on lot with well and septic additional

158 Acre General, Murrill soil, 110 crop acres, large stone bank barn, 2-story mountain, stone and frame dwelling, stream Owner Financing

38 Acre Farmette, 20 crop acres, 36 tie stalls, 40x80 pole shed, 40x72 heifer building w/lagoon insulated workshop, 4 bedroom frame dwelling pond & road frontage

FRANKLIN CO.
100 Acres M/L, 70 crop land 30 wooded with stream No buildings 3000 ft road frontage $1 600 per acre

Charles Wenger, GRI 263-0945
George Ebener 249-4979
Wilbert Diehl 258-3231

GEORGE L. EBENER & ASSOCIATES REALTORS
139 W High St , Carlisle, Pa
Ph (717) 243-6195

REAL ESTATE REAL ESTATE REAL ESTATE

THIS ONE IS FOR YOU

97 Acres (m/l), 92 tillable, 5 pasture, 3 Harvestores, 75 free stalls, 4 in line parlor, 1,000 gallon milk tank and large home. Second farm available for rent with this purchase, 106 acres, barn plus ½ house Owner will finance Call today, this one we need to talk over

RICH BRANDT FARM REAL ESTATE
2230 5th St. Highway, Reading, PA 19605
(717) 274-3622 - office - (215) 378-1122

REAL ESTATE FOR SALE ON SEALED BIDS

The undersigned Administrators of the Estate of Helen Mae Secrist, late of the Borough of McConnellsburg Fulton County, Pennsylvania deceased offer certain real estate of the decedent for sale by sealed bids on the following terms

1 The real estate is a tract of land containing approximately 132 acres located on the west side of Cito Road just south of the Borough of McConnellsburg in Ayr Township Fulton County Pennsylvania with frontage on Cito Road of approximately 2,200 feet It is described as Tract 2 in Fulton County Deed Book Volume 66, Page 557 Approximately 116 acres are presently under cultivation The remaining 16 acres are grass land and fence rows The tract has a stream and natural spring This tract is not subject to zoning restrictions and could be used for industrial commercial residential or agricultural purposes There are no usable buildings on the tract
2 Sellers reserve the right to reject any and all bids made and to offer the property either publicly or privately at any time hereafter
3 Real estate transfer taxes shall be divided equally between Sellers and Buyer Annual real estate taxes shall be prorated on the basis of the fiscal year for which each was levied
4 All personal property is reserved by Sellers
5 The deed will be drawn according to a new survey if Buyer obtains a new survey at Buyer's expense If Buyer wishes to subdivide the property prior to settlement, Sellers will issue deeds accordingly
6 **Sealed bids plainly marked "Bid on Real Estate of Helen ae Secrist Estate"** must be received at the office of David S Dickey, Attorney 11 North Carlisle Street greencastle, Pennsylvania 17225 before **4:00 P.M., on Friday, August 17, 1984.**
7 The successful bidder will be notified within two weeks and shall immediately make a 10% down payment and sign a contract of sale providing for payment of the balance of the purchase price on or before Monday September 17 1984, at which time the Sellers will deliver a special warranty deed conveying said real estate to the successful bidder in fee simple, with good and marketable title, free and clear of all liens and encumbrances except easements or restrictions which are of record or are apparent from an inspection of the premises
8 For information and directions to the property, call Cindy S Black Co-Administrator (717 597 8590) or David S Dickey Attorney (597 7161)

David S D..key, Attorney
11 North Carlisle Street
Greencastle, PA 17225

Cindy S Black
Victoria L Rohrabaugh
William J Secrist
Administrators

POULTRY FARM FOR SALE
INVITATION TO BID

THE UNITED STATES OF AMERICA acting through the Farmers Home Administration will sell by sealed bids a 381 acre Poultry Farm located on State Road 21, approximately 5 miles north of Andover, New York, Allegany County. The main poultry building is located on Kenyon Road, with another barn and house located on Route 21, approximately ½ mile from Kenyon Road. The main barn will hold approximately 57,000 birds and the smaller barn approximately 33,000 birds. The main barn was built in 1979 The house has a stone area attached to it and is in very good condition. There are approximately 49 acres of cropland, 222 acres of woods and 10 acres of other land. The large barn and the house are presently being leased The leases expire September 1, 1984 However, a 30 day notice will need to be given present lessees Upon receipt of an acceptable bid for the farm, the FmHA will issue the 30 day notice to the lessees

INVITATION TO BID forms are available at the FmHA Office, Ag Service Center, RD#1, Belmont, New York 14813 Bids will be accepted until 2.00 P M , August 7, 1984 The bids will be opened at the FmHA Office in Belmont on August 7, 1984 at 2:15 P M The bid opening is open to the public

BID DEPOSIT: All bids must be accompanied by certified check, cashier's check, postal money order or bank money order made payable to the Treasurer of the United States for at least 10 percent of the total bid The Government reserves the right to reject any or all bids The property will be sold without regard to race, color, religion, sex, age. national origin or marital status

TERMS: Cash or FmHA financing terms of 10% down with the balance financed up to 25 years at 10¾% A 5% discount preference will be given to a cash bidder

PROPERTY MAY BE INSPECTED on Friday, July 27, 1984 between 1:00 P M and 2 30 P M Additional information may be obtained by contacting the FmHA Office listed above. Telephone 716-268-7641

FARMS AND LAND OUR SPECIALITY!!!

Whatever your real estate needs (sell or buy) call one of our representatives for professional service and counsel. See July 7 and July 21 issues for some of our listings.

JOHN B. NIESLEY REAL ESTATE
32 West High Street
Carlisle, Pennsylvania 17013
717-249-8787

RICHARD B. CRAWFORD - 717-734-3673
CLAIR R. BENNER - 717-444-2162
EARL I. STERN - 717-748-7376
GREGG R. BITTING - 717-789-3368 or 789-4513
STEVE E. ORRIS - 717-789-3368 or 789-4177
CHARLES D. SMITH - 717-789-3125

HORSE & OR BEEF RANCH FOR INVESTMENT AND PROFIT

200 acres of good, productive, relatively flat land, in one field, Additional land available Beautiful valley, many riding areas, 64'x115' clear span building could be used for indoor riding and training, good two story, 5 bedroom house, barn, silos, feeders, shed and other outbuildings, all in good condition, guest house or hired man's quarters, only 49 minutes from Penn State, 1 house and 15 minutes from Harrisburg, Possible owner financing, priced to sell.

FEED LOT & SOIL, No house on 27 acres

GENERAL FARM, 112 acres, a bargain

GENERAL FARM, 145 acres, good soil, road frontage

DAIRY FARM 230 acres, excellent farm, good buy

NOW IS THE TIME TO BUY!
CALL TODAY FOR INFORMATION OR APPOINTMENT

JACK H. KNEPP AGENCY
717-658-6303
Dallas Will RA
717-543-5685

SOUTHERN NORTHUMBERLAND CO. & SURROUNDING COUNTIES

Danville-140 acres, 85 nice tillable acres, large house, large barn for beef. $159,000 Call Peter

75 acre farm, 30 tillable, 20 pasture, 3 bedroom house, wood or coal heat, 2 barns $110,000. Can buy with 1% down Call Peter

20 acre farm, 15 tillable, house & barn $69,000. Can buy with 1% down. Call Peter.

Executive Farm 118 acres, 100 acres tillable Colonial Brick home, completely renovated inside and out, all barns new or rebuilt, large greenhouse $289,000. Call Peter

63 acres, 50 tillable, 42,000 bushel grain bins, elevator & dryer, all new buildings. $165,000 Call Peter

110 acre farm prime land, large home, 90 tillable, large bank barn, $179,000 Call Peter

60 acre farm, lg home, wood or oil heat, bank barn, small orchard, $79,000 Can be bought with equipment extra Call Peter

Herndon Area 2 Farmettes $35,000 & $49,000 Call Peter

Lykens Valley 90 acres, 85 tillable, 3 bedroom home, large bank barn, $225,000 Owner financing Call Ralph

400 acre grain and vegetable farm, large quantity of water for irrigation, new barns, extra nice home, 220 tillable, large quantity of low rent ground available, $500,000 Call Peter

50 acres farmland and woods, 2 streams $39,000 Can be bought with no money down Call Peter

PETER B.

CORTELYOU
Real Estate Herndon, PA 17830
Peter B Cortelyou, Broker 717-758-9177
Ralph Deibler, Salesman 717-692-2587

CENTRAL PENNSYLVANIA FARMS, FARMETTES, LAND & CABINS

We presently have one of the largest selections of farms farmettes land and cabins available in central Pennsylvania We have over 50 exclusive listings

Our Farm and Land Department would be happy to mail a free, detailed farm and farmette list or land and cabin list to you

See the July 21 and August 4 issues for a complete farm inventory.

FARM AND LAND DEPARTMENT

Fred Strouse (814) 364-1705
Don Myers (814) 422 8111
Mel Rockey (814) 466-6688
(Bedford) Richard D Reed (814) 839-4271
(Huntingdon) Rachel Port (814) 669-4194

KISSINGER LEONARD & BROWER

Frederick J Kissinger, Realtor
William H Leonard, Realtor
Ralph F Brower Realtor
245 S Allen St ,
State College PA 16801
(814) 234-4000

LANCASTER COUNTY

105 acres, veal, beef and hog farm. Good income potential. Large brick home and stream, silo 20x80, marketable timber. Call to see this farm now!

FARM & HOME REAL ESTATE
Smoketown, PA
717-291-2270

Sylvester Baum, Carlisle, 717 776 3967
Harlan Keener, Willow Street, 717 464 2669
Mahlon Oberholtzer, Lancaster, 717 392 1177

Broker J Irvin Denlinger
717 898 8962

NORTH CENTRAL IOWA - SOUTHERN MINNESOTA
FARMS FOR SALE

120 ACRES: Located near Lyle, MN all tillable except building site including an older set of farm buildings CONTRACT TERMS

320 ACRES Located near Osage, Ia , has tile, good soils and grain storage Other buildings include Older home, barn, machine shed and hog building CONTRACT TERMS

200 ACRES. Located near Stacyville, Ia 185 crop acres with some tile livestock and grain buildings CONTRACT TERMS

160 ACRES: Located close to St Ansgar Ia on Hwy 218 farm is all tillable except a small building site excellent soils with high CSR ratings CONTRACT TERMS

HOG FACTORY 6 acres near Stacyville Ia with a complete farrow to finish hog set up In addition to hog buildings there is a self contained manure system and a remodeled home in excellent condition

785 ACRES Located just across the state line in Minnesota farm has new grain storage facilities new machine storage livestock buildings for hogs and cattle and a good home CONTRACT TERMS are available This farm could be parceled

For more information on our locality or detailed brochures on individual farms contact

MIDWEST
REALTORS & FARM MANAGERS
Broker • Farm Manager • Appraiser • Real Estate Auct
521 Main St P O Box 149 Osage Iowa 50461 (515) 732 5531

JUST REDUCED

Farmette on 40+ acres, good views, 3 bdrms, 1½ baths, fireplace and bar in bsmt family room, barn in good shape for storage, cattle or horses, close to town, but on dirt road, great for privacy. W-778 $54,900

Beef or hobby farm on 109.9 ac, small stream near barn, 4 bdrm house, country kitchen, formal DR, enclosed porch, 1½ baths, attic space for storage, chimney for woodstove in LR, barn suitable for beef, horses or storage. W-791 $75,000

DAIRY FARM

2 sty. home, 4 bdrms, 1 bath, 24 dairy cow stalls, new milkhouse 12x24, barn 36x52, 87 acres, bottom land borders State Forest and is tillable, good growing ground for crops. $60,700 W-843

Century 21

THE REAL ESTATERS OF WELLSBORO
120 East Ave., Wellsboro, PA 16901
717-724-5921
Call or write for free list

Century 21 **717-398-7316**

RELL REAL ESTATE Independently Owned & Operated
252 Allegheny st.
Jersey Shore, PA

MAJESTIC COUNTRY ESTATE

742 Acres of magnificent hills, covered with pine, oak and hemlock ready to cut, valley with springfed streams, full of trout, over 100 plus acres of fertile tillable land A must for everyone interested in peace and tranquility deer, bear and turkey hunting, fishing (one of the best fishing.streams in PA - "Wallis Run"). This estate can be adapted to many uses because of the location in North Central Pennsylvania, serviced by air and inter-state highways as well as rail — all within 20 minutes, drive Living accommodations. seven room country farm house, four bedrooms, grand living room with fireplace, kitchen and dining room 1½ baths F H A oil heat Large bank barn, multi-purpose 42x60 block building, plus additional buildings There is generous owner financing For further information contact Robert J Glunk at 398 7316

"MOUNTAIN STONE"

Not just a gracious Mountain Stone home - a way of life for the outdoor person with a country setting of 110 Acres offers a panaromic view of Nippenose Valley This well kept four bedroom home offers privacy and automatic heat, well water, large country kitchen and living room, two car garage and large area for a garden For the hunter some of the best deer and bear and turkey around and for the hunting gang a beautiful hunting lodge Call us today for complete information on this exceptional property

"ON GOLDEN POND"

Two ponds and one creek and a large pavilion Located on 96 acres with forest and tillable ground Three bedrooms, 1 Bath home Large Living Room with mountainstone fireplace, ultra modern kitchen and Dining Room Where privacy is of the utmost and the deer, bear, and turkeys roam at will Within communicating distance of Williamsport Fish, swim, relax and let the world go by Realistically priced at $82,000 Call for complete details

"HUNTERS ARE YOU SPOILED?"

Well you can continue to be in this lovely Log Home with a 32x48 Log Building (now being used as a cabinet shop) Located next to State Land in the Pine Creek ARea 10 52 wooded acres offer privacy, excellent hunting, year round living The better than 2800 sq ft of living space in the home is accented with a Mountainstone Fireplace, stained glass windows and imported wool rugs, economy heating with wood/coal and oil unit Custom finish throughout with oak and walnut If you are interested in an excellent property for Hunting, Vacation or year round call 398-7316 now Priced to sell quick

"GAME PRESERVE FARM"

How exciting it could be to own your own Wild Animal Preserve - "Grandview Game Farm" - 150 Acres +/- of open and wooded land completely fenced All the necessary permits and licenses Located in beautiful hills of Lycoming County next to Pine Creek Valley - private - remodeled 4 bedroom home and outbuildings Just think, you can raise any kind of wild animals you may desire - the Game Preserve is stocked with 40 plus White Tailed Deer which are included in the purchase operating and ready to go - Call Robert Glunk for full details on this rare opportunity Owner anxious to finance at attractive terms

"LYCOMING COUNTY FARM LAND"

Level 117 +/ Acres 80 +/ Acres Tillable Balance woodland Excellent Limestone Area (Limestone Quarry adjoining) Zoned Agriculture and Mining - Highway frontage Owner must sell

TODAY'S BEST BUYS

23 PICTURESQUE ACRES

Authentic colonial, 140 years old, 8 rooms and bath, sound condition, 2 car garage, land mostly wooded, ideal for retirement or for the active family that loves the country. Just off Rt. 239 near Shickshinny in Luzerne County. Only $49,500.

50 ACRES OF BEAUTY

Adjoining Rt. 22 at Shartlesville, Berks County, an old 4 bedroom brick home, extensive road frontage ideal for sub-division, rich rolling land, stream, 2 acre pine grove, the perfect location for your new buildings. Only $125,000.

CHARMING POINTED STONE

Authentic colonial, 150 years old, professionally restored, 2 fireplaces, new hot water oil heat, 20 ACRES, over ⅓ mile road frontage, no neighbors in sight, most picturesque area surrounded by mountains near Auburn, Schuylkill County. Only $119,500

MANY OTHERS including large dairy farms. Send for complete list.

KENNETH GROSSE, Realtor
"Farm and Land Specialist"
418 W. Main St., Lansdale, Pa. 19446
Ph. 215-855-1191

JUNIATA COUNTY

126 acres, 60 acres tillable, balance wooded & pasture, frame bank barn, corn barn, 3 bedrm dwelling, ¾ mile Tuscarora Creek frontage, secluded, $130,000

LANCASTER COUNTY

85 acre dairy. Southern end.

77 acre dairy w/free housing, milk bulk tank, silo, harvestor, 5 bedroom house in good condition.

108 acre beef operation, large bank barn w/bunk feeder, 14x50 silo, tobacco shed, corn barn, 4 car garage, 36x60 metal sided machinery shed, 4 bedroom stone dwelling, never failing spring, Little Chickies Creek flows through pasture area.

CHESTER COUNTY

New Listing Near Oxford

100 acre general farm, 2 story frame dwelling Barn stanchions and box stalls 60 acres tillable 38 acre pasture, 2 acres woodland Land- gentle slope, loam soil state road frontage

128 acre general farm W of Downingtown

LEBANON COUNTY

Myerstown

18 Acre Limestoen Farm, 4 bedroom dwelling bank barn corn barn, hog farrowing operation Tultenhocken Creek boarders property good location

153 acre N of Annville

107 acre Dairy & Hog

100 acre general near Freidensburg

PERRY COUNTY

New Listing

Near Blaine 134 acre dairy 50x70 frame bank barn 30 freestalls 5 yr old Acorn barn cleaner, bulk milk tank, dump station, 14x40 tile silo w/5 yr old Van Dale unloader, machinery shed & corn barn, good producing level land, beautiful 5 bedrm dwelling $198,500

568 acres general w/3 sets of buildings The 3 dwellings have modern conveniences 3 framed bank barns, 1 grain dryer w/storage

MONTOUR COUNTY

North of Danville

157 acre dairy 135 acres tillable Bank barn with 34 comfort stalls chain ties Calf barn 4 silos pole shed 22½ story frame dwelling with 5 bedrooms & bath

SCHUYLKILL COUNTY

New Listing
North of Summit Station

69 acre dairy comfort stalls 2½ story dwelling, 4 bedroom

CUMBERLAND COUNTY

32 acre dairy reduced, near Newville

188 acre general farm

MONTOUR COUNTY

157 acre dairy north of Danville

CHRISTIAN M. MOSEMANN
REALTOR
627-1754
734 Main St Akron, Pa 17501
Phone 717-859-1004 24 hr service
Paul Z Musser — 717-733-8107
James L Marsh — 717-529-2678
Milton G Huber — 717-299-5136

JUNIATA CO. DAIRY FARM

All you need to start milking on this 247 acres is a bulk tank and gutter cleaner 40 modern tie stalls presently adapted for beef or heifers. 14x50 and 12x35 Fickes silos 108 Tillable, Class II & III in high state of fertility, 9 acres Pasture with spring, and balance woodland, some timber, with pond 4 bedroom house. Seller financing on 2/3 price of $217,000

MARLIN H. FIELDS REAL ESTATE
7 So. Main St., Mifflintown, PA 17059
Don Bashore, Realtor
Office (717) 436-8839
Residence (717) 436-9213

For Sale - Ryan's Berry Farm and Peach Orchard

Fully operational. Pick your own with 22,000 customers.
Largest blueberry farm in 5 state area
138 acres with 3 wells and ¾ acre pond
4,000 square ft. modern house with In-Law apartment and 2 car garage
1,500 square ft. shop with equipment
Secnd older farmhouse in orchard
Located in rapidly developing beach resort area next to 10,000 acre game preserve
2 hours from Washington/Baltimore area
Significant income opportunity with investment and tax shelter potential
Ideal situation for large farm family
Valued at over $1,000,000.00 (1 million) Now available for $550,000.00. Will sell all or part. Serious parties phone collect after 5 PM.

302-238-7776
R.D. 3 Box 244-B
Frankford, Delaware 19945

"PENNSYLVANIA FARMS"
BLAIR & BEDFORD COUNTIES

168 ACRE MODERN DAIRY, 140 acres of highly productive limestone soil, 80 cow free-stall set-up, double 8 herringbone milking parlor, two 20x70' concrete stave silos, spring fed pond & a 4 bedroom brick house Owners want out! $375,000

120 ACRE DAIRY located in Friends Cove, Bedford County 96 tillable acres of high producing limestone soil 26 large comfort stalls with rubber mats, 10 stanchions, 33 free stalls, 20x30' Harvestore silo and 2 concrete stave silos 20x60' & 12x40', 650 gallon Girton milk tank like new and a 2½ story brick dwelling $250,000

158 ACRE GENERAL, 110 acres of highly productive limestone soil, 30 acres of pasture, good limestone house built in the 1800's, excellent bank barn & a huge spring feeding run on farm Located at the Bedford-Blair county line! $194,500

161 ACRE LIVESTOCK, 2 excellent farm houses, bank barn & 3 car garage Near Cumberland, MD A great from for cattle or sheep! $185,000

175 ACRE GENERAL, Morrison's Cove are of Blair County 150 tillable acres, house, barn, silo & outbildings $165,000

82 ACRE GENERAL, excellent 2 family dwelling, large ban barn, implement shed, pond, 30 tillable acres and 10 acres fenced for pasture Great farm for horses or beef cattle! $139,000

61 ACRE HORSE RANCH, 26x66x horse barn, large bank barn, dog kennels, 2 car garage, work shop, 2 ponds & streams, 40 acres of fenced pasture, a beautiful refurbished farm house featuring a fireplace and 2 complete baths Easy terms by owner! $129,000

FARMSTEAD, spring house, blacksmith shop & smokehouse highlight this early German settlement! Barns for horses, cattle, sheep & hogs Borders on one of PA's best trout streams Out-of the-ordinary farmhouse, 10 minutes from historic Bedford $110,000

91 ACRE DAIRY, 50+ tillable acres, 24 stall dairy barn with barn cleaner, bulk milk tank, silo & a good 3 bedroom house Small pond & stream! $105,000

22 ACRES GENERAL, near Shawnee State Park, refurbished farm house, one story barn for horses, cattle or sheep! 15 acres tillable $69,950

FLI FARM AND LAND INSTITUTE REALTOR

REALTY CENTER
Daniel K. Knode, Realtor
R.D. 2, Box 260
Hollidaysburg, PA 16648
(814) 946-0466

"FARM, LAND & RURAL REAL ESTATE"

RETIREMENT
superb 2 BR, 2 bath, convenient location for stores, etc $38,500 Low taxes (M1608)

VICTORIAN
next to college, well kept $54,000 (M1606)

20 AC. FARMETTE
woods, pond, stream, V private, new rancher $67,500 (M1603)

58 ACRES
private, yet close to town, woods, $27,840 (M1595) 45 Ac more available $22,050 (M1599)

CONTRACTOR
35x60 barn/workshop in operation & remodeled farmhouse Fronts State highway $55,500 (M1592)

2.5 WOODED ACRES
next to State Game Lands + Lake $4,700 $1700 dn $3000 mtg 12% 3 5 yr (M1583)

FREE LISTS

ERA-Homestead Realty
267 S. Main St.
Mansfield, PA 16933
717/662-3287

OPERATING DAIRY
40 cow barn, 168 acres, 106 tillable, 2 storage shed, silo, good house $129,000 (D369)

PANORAMIC VIEWS
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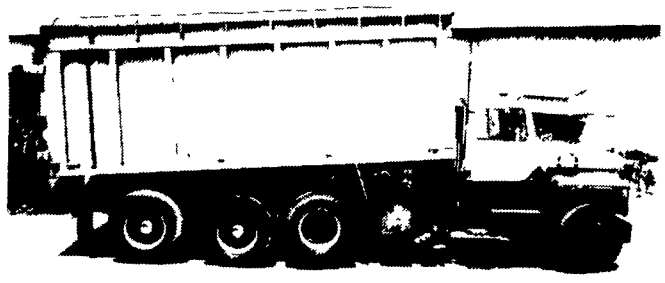

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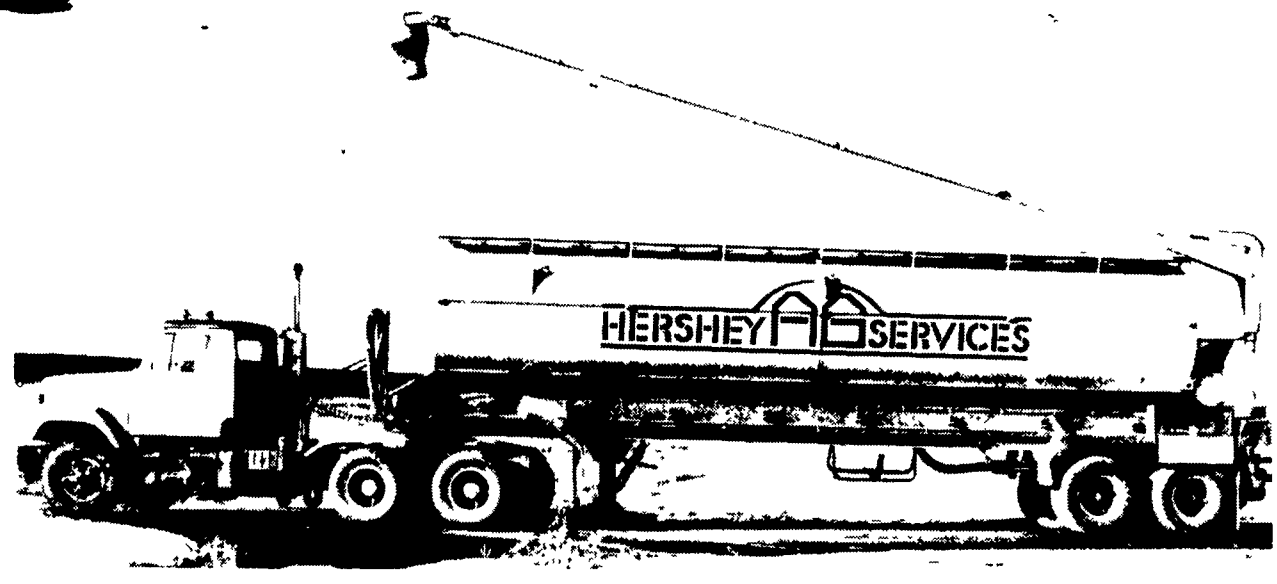

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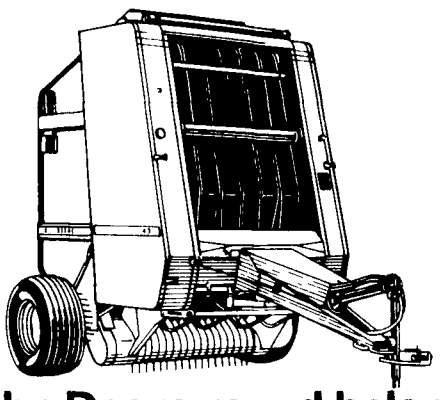

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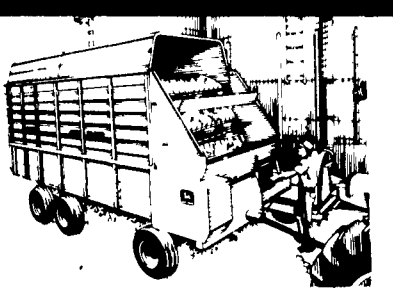

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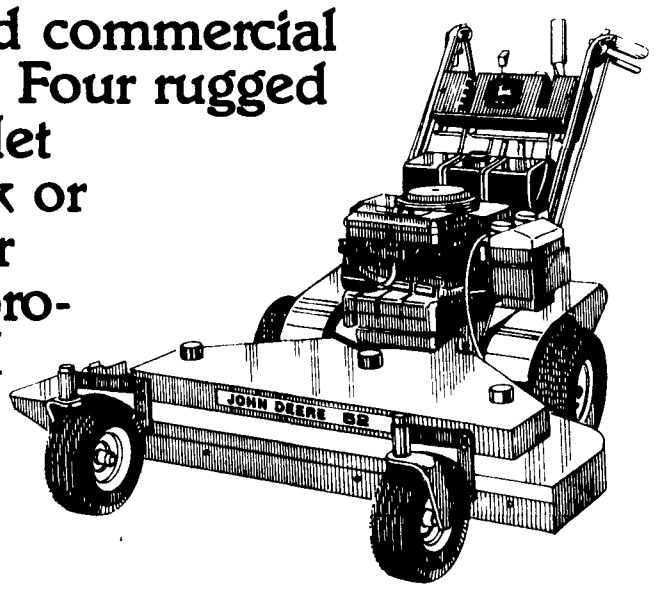

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Get started now on planning fall alfalfa

NEWARK, DEL. — Farmers who intend to plant alfalfa this fall should already be making plans for this crop. Alfalfa isn't cheap to plant, and since it will be in place for five or more years, things need to be done right at the start for it to do well, says University of Delaware extension agent Dean Belt.

The first step is to get a soil sample right now. This will show what the soil needs and will have a major impact on how the crop is established. The pH should be at 6.8 to 7.0 at planting. If the field requires more than 1 ton of lime per acre on a sandy soil or 2 tons per acre on fine textured soils, consider plowing down half of the lime and disking in the other half. If the pH is below 5.5 delay planting until it can be raised.

The field selected must be well drained as alfalfa will not tolerate any wet areas. The crop has high phosphorus and potash requirements and needs about 2 pounds of boron a year. Here again, Belt says, a soil test is a must in order to know how much to apply at planting or for maintenance.

Planting date is critical. Alfalfa should be planted in late August or early September, the agent says. Plantings after September 10th in New Castle County, Delaware are subject to more winter damage than earlier ones. For this reason it pays to plan ahead so everything is ready when seeding time arrives.

Alfalfa can be sown with a no-till drill or planted the conventional way. No-till requires even more preparation and planning than traditional methods. It's necessary to work well in advance of planting to have the pH up to recommended levels since large amounts of lime can't be worked into the soil without tillage. Also the field must be as smooth as possible.

Weed control can be accomplished with burn-down chemicals; however, if perennials are a problem, Belt advises getting them under control before attempting to no-till alfalfa. Conventional tillage allows growers the option of incorporating an herbicide like Eptam, Balan or Tolban. These must be worked into the soil immediately, following label directions for timing and depth. These products cannot be used for alfalfa-grass mixtures.

Growers who intend to establish their alfalfa with a no-till drill must start with a clean, weed-free field Grain stubble is an excellent cover for this tillage method, the agent says. He suggests farmers interested in establishing no-till alfalfa obtain a copy of "Guidelines for No-Tillage Establishment of Alfalfa." This extension fact sheet comes from the University of Maryland. In Delaware copies are available from county extension offices in Newark, Dover and Georgetown.

When planting alfalfa by any method, don't forget the inoculant. "Nothing is more discouraging than having a nice stand of alfalfa that starts to show nitrogen deficiency symptoms," says Belt. "Dr. Ed Jones, the agronomist for Delaware State College, often points out that inoculants are living organisms and must be handled carefully to ensure their effectiveness at planting. Heat will kill them, so don't leave the package on the dash of your pickup or in a hot shed. Store packages of alfalfa inoculant in the refrigerator until you're ready to use them. Use a commercial inoculant sticker or make your own."

Dr. Les Vough, extension forage specialist with the University of Maryland, has had success using sugar water and cornstarch as a sticker, Belt says. Here's the procedure he recommends.

Use at least two cups of sugar per quart of water, thoroughly moisten the seed, and then add 16 ounces of inoculum per 20 pounds of seed. This is more than most people are putting on, but remember the purpose of inoculation is to increase the number of rhizobia per seed so enough will survive for effective nodule development even under adverse conditions.

With more favorable seeding conditions and good soil moisture in the seedbed, the amount of inoculum can be reduced. Add the cornstarch after thoroughly mixing the inoculant with the seed. The cornstarch will prevent the seeds from clumping and permit immediate planting. It also will provide some nutrients for the rhizobia.

Recent research has shown that Furadan 15G applied at the rate of 6.7 pounds per acre in the row is very effective for insect control on alfalfa seedlings. Belt says this should be applied through a separate box if possible, or mixed thoroughly with the seed if the drill has only one box. To be effective, the Furadan must be covered with soil. Follow all label precautions when handling and mixing this or any other pesticide.

When planting, place the seed as shallowly as moisture conditions permit. In heavier soils ¼ inch is usually sufficient. The main objective is to get good seed/soil contact. For best results a field should be out of alfalfa for at least two years before reseeding.

"Management is still the key to a successful alfalfa seeding," says Belt. "So take the time to have everything thought through and be ready to go when the planting season arrives."

Chester Co. to host Old Fiddler's Picnic

Pictured above, Master of Ceremonies Warren Mercer takes time out to greet park visitors at last year's Old Fiddler's Picnic. Mr. Mercer and hundreds of old-time musicians will return to Hibernia Park on Saturday, August 11, from 10:00 a.m. to 8:00 p.m. for a day filled with music and fun.

Other activities will include a craft sale, hayrides, square dancing, and tours of historic Hibernia Mansion. A variety of good food will also be sold. The rain date for the event is Sunday, August 12.

Hibernia Park is located approximately four miles north of Coatesville, off Route 340 in Wagontown. For more information on the Old Fiddler's Picnic call the park office at 384-0290.

Cattle numbers decline

HARRISBURG — U.S. cattle and calf inventories on July 1 were estimated at 122 million head, down one percent from a year ago and two percent below July 1982, according to the Pennsylvania Crop and Livestock Reporting Service.

Cattle classes on July 1 and the change from one to two years earlier, respectively, are as follows: beef cows, 38.1 million, down one and two percent; milk cows, 10.9 million, down two percent from both years; heifers 500 pounds and over, 18.6 million, virtually unchanged from both years; beef replacement heifers, 5.60 million, down three and eight percent; milk replacement heifers, 4.95 million, up one and four percent; other heifers; 80.5 million, up two and five percent; steers 500 pounds and over, 16.4 million, down three percent but up fractionally from July 1982; bulls 500 pounds and over, 2.50 million, down two and four percent; and calves under 500 pounds, 35.5 million, down one and three percent.

The 1984 calf crop is expected to be 43.4 million, down two percent from both 1982 and 1983.

This report provides United States estimates of mid-year cattle and calf inventories by classes. Individual state estimates are not available. The next cattle and calves report showing Pennsylvania inventory numbers will be included in the January 1, 1984 report.

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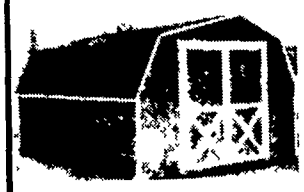

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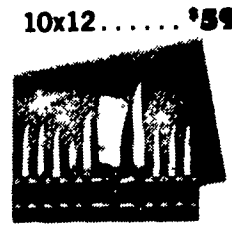

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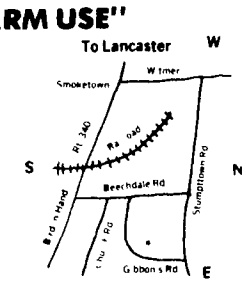

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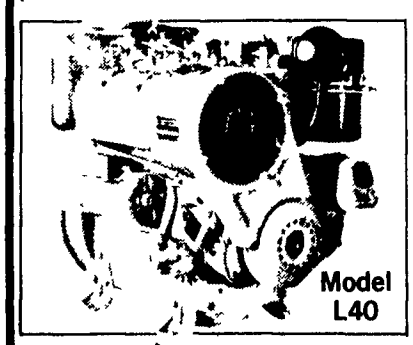

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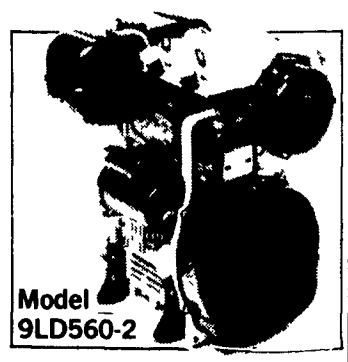

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Farm Talk

by

Jerry Webb

Delaware Extension

One of the hottest stars in Hollywood these days is after all only a farm animal. No doubt the sexy Miss Piggy would be offended to hear herself described that way, but truth is truth. Despite her efforts to be beautiful and desired, she is still a pig.

Miss Piggy is not the first farm animal to jump the barnlot gate and head for the bright lights. There have been others, most notably a Jersey cow named Elsie.

The American Jersey Cattle Club reminds us that Elsie, the advertising symbol for the Borden Company's milk products, enjoyed unprecedented popularity a few decades ago and is now making her media comeback.

Elsie the cow started out as a print media logotype–an artist's caricature that began showing up in milk ads in national magazines back in 1936. The popularity of the campaign soon sent Borden executives on a nationwide hunt for a real cow.

The real live Elsie made her debut at the 1939 World's Fair in New York City, according to J.F. Cavanaugh, executive secretary of the American Jersey Cattle Club. He was one of a group of college students assigned to the task of caring for a herd of 150 dairy animals on exhibit at the Fair.

It soon became evident, he says, that everyone who stopped by the display wanted to see Elsie. And the Borden Company wasn't about to disappoint them. A special booth was hastily prepared and a registered Jersey cow, Elm Hill Farm's You'll Do Lobelia, became Elsie.

Elsie was given the very best including boudoir featuring all the whimsical farm- related props a big-time advertising department could think of. There were churns made into tables, milk bottle lamps, a wheelbarrow chaise lounge, and oil painting of Great Aunt Bess and Uncle Bosworth.

Elsie outdrew everything at the 1940 World's Fair, including the multi-million dollar General Motors Futurama, as thousands of fans stopped by her stall. Taking advantage of this popularity, the Borden people created her family, a husband named Elmer (still featured on Elmer's Glue) and a calf named Beulah.

Then it was off to Hollywood to make a movie while Elmer kept things going at the Fair. Elsie co-starred with Jackie Oakie in a film called "Little Men" and received star treatment, including a stay at the Ambassador Hotel and a cocktail party at Ciro's

Following the World's Fair closing in October 1940, Elsie and Beulah went to New York's exclusive Bonwit Teller to get the young heifer ready for school, then on to Philadelphia where they drew 228,000 admirers during a three-week stint at Gimbles. The lines of lookers were so long, Santa Claus had to be relocated to the rug department.

Elsie then became an unparalleled fund raiser collecting more than ten million dollars in War bonds between 1941 and 1945. She travelled all over the United States in her own private rail car -- even received a Doctor of Bovinity degree from the University of Wisconsin.

Recent surveys show that that even after more than four decades since her World's Fair debut, Elsie remains the most beloved trademark in America, with the Campbell Soup twins a distant second.

Bordens now owns several Elsies. They're housed at Ohio State University where ag students provide for their health and well being. Instead of a box car, the modern Elsie, still a pert and pretty Jersey cow, travels by air or in a fifth-wheel trailer dubbed a "Cowdillac".

So once again Elsie makes the rounds of fairs and grand openings, delighting kids who may be seeing for the first time the real source of milk. And standing behind those kids some misty-eyed parents or grandparents who can still remember when they saw that first Elsie at the World's Fair so long ago.

Red meat totals down

HARRISBURG — Pennsylvania's commercial red meat production, dressed weight basis during June totaled 72.3 million pounds, down 11 percent from June 1983, according to the Pennsylvania Crop and Livestock Reporting Service.

Beef slaughter, at 85.2 million pounds liveweight, was down seven percent from June 1983. Total head slaughtered was 75,600, down six percent, and liveweight averaged 1,127 pounds, a decrease of 11 pounds. Veal slaughter was 3.5 million pounds liveweight, down 19 percent. Calf slaughter, at 20,200 head, was down 16 percent and the average liveweight decreased five pounds to 174 pounds.

Hog slaughter, at 32.1 million pounds liveweight, was down 21 percent from a year earlier. Total head slaughtered was 135,000, down 23 percent, while average liveweight increased five pounds to 238 pounds. Lamb and mutton slaughter was 1.4 million pounds liveweight, up six percent. The number slaughtered, at 14,000, was up four percent and the average liveweight increased two pounds to 102 pounds.

United States commercial red meat production in June totaled 3.20 billion pounds, down three percent from June 1983.

Compared with June 1983, beef production at 1.98 billion pounds was up one percent. Total head killed at 3.19 million was up two percent, while average liveweight decreased two pounds to 1,059. Veal production, at 38 million pounds, increased 12 percent from a year ago. Calf slaughter, at 242 thousand head, was up four percent, and average liveweight increased 19 pounds to 264.

U.S. pork production totaled 1.16 billion pounds, down nine percent from a year ago. The 6.59 million head killed was down nine percent but average liveweight increased one pound to 247. Lamb and mutton production decreased seven percent to 27 million pounds. Total head killed, at 517 thousand, was down two percent, and average liveweight declined five pounds to 107

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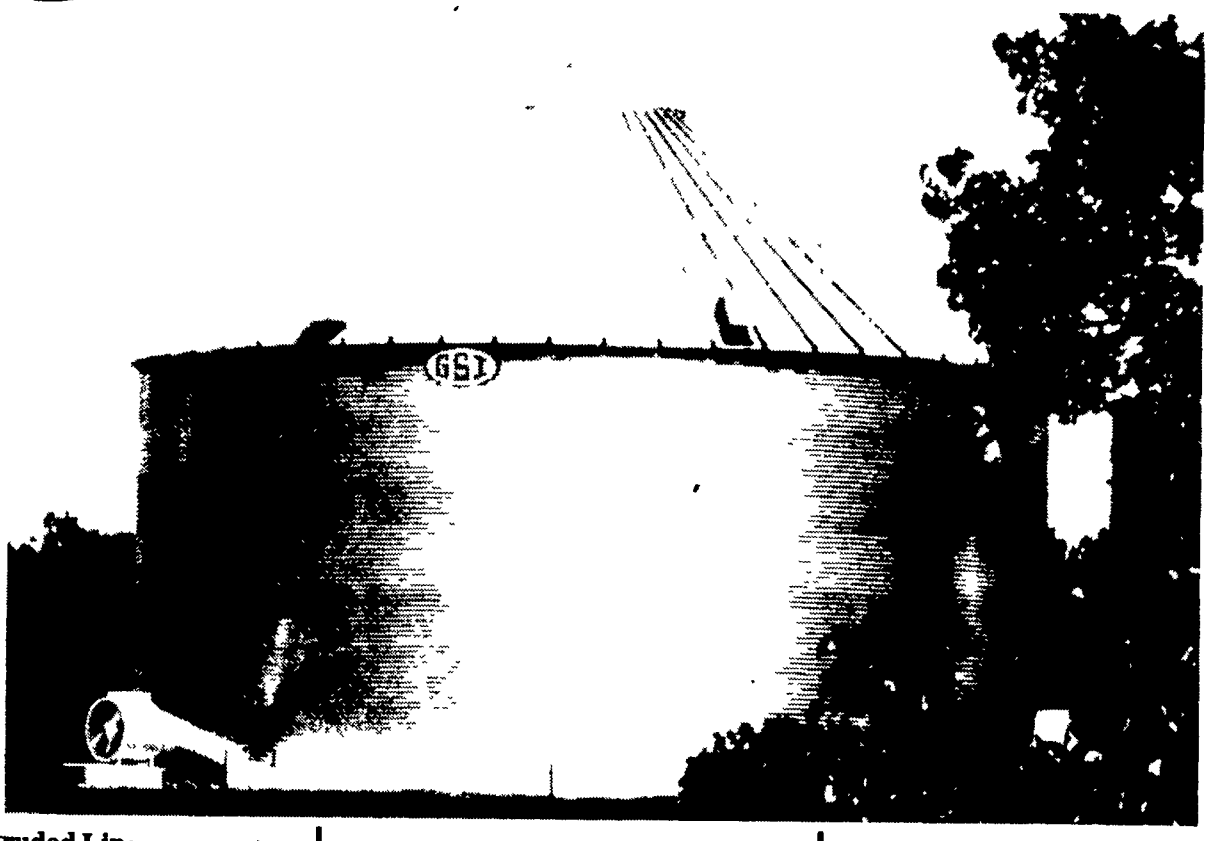

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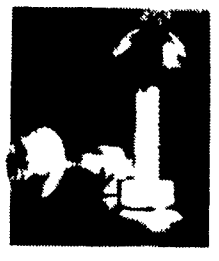

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"Miracle" helps conserve Maryland farm

COLLEGE PARK, Md. — For the Sisters at the Convent of St. Basil, the recent transformation of their Cecil County farm was just short of a miracle.

Like angels from heaven, an army of earthmoving machines swept over the gullied and rutted fields and turned them into a showcase of soil and water conservation

The machines were manned by members of the Land Improvement Contractors Association (LICA) from Delaware and Maryland. They were there as part of a conservation field day sponsored along with the Cecil Soil Conservation District.

"It's amazing they can do all this in one day. Even the Sisters said it was amazing," said Eddie Falcone, the Sisters' representative.

Falcone grew up on the farm in the 1940's when the Ukranian nuns operated it as a nursery and summer camp for orphaned boys from Philadelphia. As a youngster, one of his chief delights was going for a swim in the creek that emptied into the C&D canal a short distance away.

Today the orphanage is closed and the creek is just a sandbar covered by cattails and other marsh plants. It's a graphic example of what happens when farmland is neglected and the land allowed to erode

The farm's decline actually began in the 1960's, says Falcone. Falcone had left a job in Connecticut to return to the farm in 1955 when he heard that the nuns, who were getting older, were having a hard time managing it. "Paul Edwards with the Soil Conservation Service was here then," Falcone recalled, "and we had beautiful contour strips and sod waterways."

But after the orphanage was closed in 1962, Falcone left for New York and the land was rented out to a local farmer.

"That was the start of breaking up the waterways. He didn't want to lift his plow to cross them because it was too much trouble," Falcone said. The damage became more apparent as the contour stripcropping was abandoned and corn and soybeans were planted year after year.

The Sisters were becoming alarmed over the deteriorating condition of their land but didn't know what to do. They were only too pleased when Brad Dawkins, Jr., whose father used to help the sisters with haying, asked if he could rent the farm It was Dawkins who contacted the Cecil Soil Conservation District to see what could be done.

"I didn't like to see the place fall apart, with all the holes and ditches," said Dawkins. "Also, I knew it was a real mess and I didn't want to be blamed. With all the talk about the Chesapeake Bay, people are more concerned about erosion. Eventually we (farmers) are going to be held responsible."

Dawkins contacted Dave Wilson with the U.S. Soil Conservation Service who knew that LICA was looking for a project.

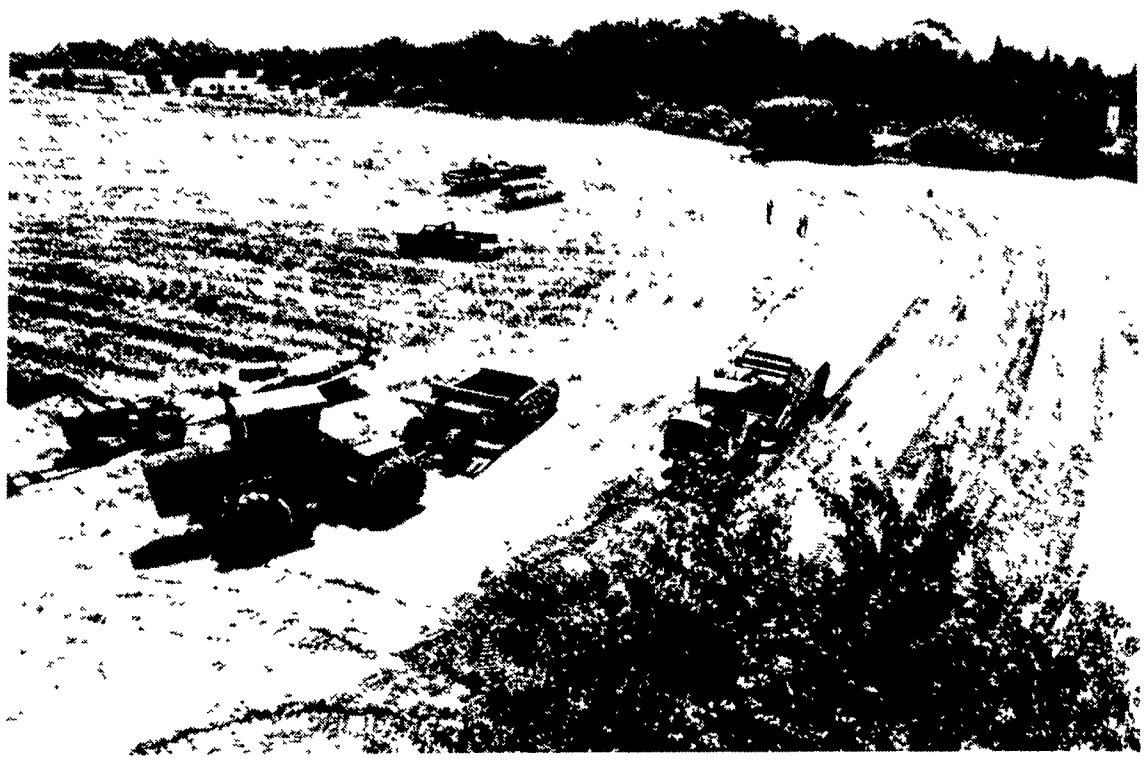
According to Wilson, average soil loss on the farm was 21 tons per acre per year. That's five to six times higher than the tolerable rate, or the rate at which new soil is formed Some of that ends up in the canal as sediment.

"It costs $12 per cubic yard to dredge sediment out of the canal. And about 800 cubic yards of soil leaves this farm annually," said Wilson. Much of that will be eliminated thanks to the conservation measures — 4,600 feet of grass waterway, 460 feet of terrace, 5 acres of permanent vegetation, and four grade stabilization structures — installed that day.

LICA members donated about $12,000 worth of work including the services of about 40 people, three front-end loaders, four scrapers, two bulldozers, one backhoe, three dumptrucks, five seeders, two fertilizer spreaders, and one lime truck.

Ten conservationists from Cecil and Kent counties, Md., and New Castle county, Del., were on hand to direct the work.

"This field day is something LICA chapters all over the United States do once a year," said Bill Simpler, LICA chairman. "It's just one way to wake the public up to the need for soil and water conservation."



Members of the Land Improvement Contractors Association and soil conservation technicians carve out a terrace on the Sisters of St. Basil farm in Cecil County, Md. The work was part of a conservation field day June 14 to demonstrate the benefits of good soil and water conservation to improving water quality in the C&D Canal and Chesapeake Bay.

Workers lay an excelsior mat to help prevent erosion of this newly built waterway on the farm belonging to the Sisters of St. Basil in Cecil County. The work was part of a field day put on by the Cecil Soil Conservation District and Land Improvement Contractors Association. Before the work over 800 cubic yards of soil was washing off the farm into the C&D Canal nearby annually.

Ag events planned in Hunterdon County

FLEMINGTON, N.J. — The public is invited to a number of summer activities of the agricultural community in Hunterdon County, N.J.

The dairy farm open house was held in June with over 1,900 people in attendance. There are a number of coming events on the farm community calendar that offer some interesting opportunities for the non-farm public

First is the annual Farmers'-Businessmen's Picnic of the Hunterdon County Board of Agriculture set for Tuesday at Sam Leon's Sod Farm, south of Pittstown

There will be wagon tours of the farm, demonstrations of equipment used in the production of turf, specific to the host farm There will also be exhibits of many commodities produced on Hunterdon farms

A supper is planned for 7 p m Tours, incidentally, are at 5 30 p.m Speaker is Senator Garrett Hagedorn, Midland Park, N.J

Another information-packed activity is the 1984 Conservation Field Day, Saturday, August 11, beginning at 9·30 a.m. This one is scheduled by the Hunterdon County Soil Conservation District and will be held at the Cold Brook Preserve, on the northern edge of Oldwick.

There will be construction and finished product conservation practices on view: waterways, drainage tiles, conservation strips, no-till hay seeding, diversions, and more.

On Aug. 9 and 10 will be Hunterdon's 4-H Achievement Shows on Flemington Fairgrounds.

On August 9, there will be the dairy show and dog show at 9 a.m., Sheep show follows at 1 a.m., goat demonstration at 3 p.m., beef show at 4 p.m. There will be a drill team demonstration in the horse ring at 6 p m

On Aug 10, there will be a twirling show, pizza and cookie contests, horticulture identification, arts & crafts, herptelogy, poultry and rabbits, and a horse gymkhana The 4-H Fashion Revue, a real highlight of 4-H, will be held at 7 p m Clothing worn in this revue is all made by 4-H'ers in their respective clubs

Central Jersey Holstein Show is held in connection with 4-H Achievement Show, on Friday morning at 9 30 a m

Carroll County 4-H And F.F.A. Fair

TRACTOR AND TRUCK PULL
SUNDAY, JULY 29, 1984

Rain Date - Sunday, August 5, 1984 11 AM & 1 PM

Antique & Stock - 11:00 A.M.
Point Pull - 1:00 P.M.

Open Pit Barbecue & Refreshments Available
Cash Prizes

CARROLL COUNTY AG CENTER
Westminster, MD

11:00 a.m. Classes	1:00 p.m. AA Point Classes
6,000 - Antique	5,500 - Open
8,000 - Antique	9,500 - Super Stock
12,000 - Local Farm Stock	6,200 - Four Wheel Drive Truck
14,000 - Local Farm Stock	9,200 - Modified
	6,200 - Four Wheel Drive Truck

ADMISSION
$5.00
$3.00 - Senior Citizens and 7-12 years, 4-Hers with Cards
Free - 6 years and under (with guardian)

Contact For Rules & Regulations
John Price: 374-4363 Nevin Tasto: 374-4067
Mike Hoff: 848-1424 Ron Hughes: 775-7384

FARM EQUIPMENT

JD 4020 power shift, dual hydraulics 814-793-4293.

IH 1466 cab and air, dual hydraulics, like new. 814-793-4293.

JD 4320 wide front 18.4-38 tires, dual remotes 814-793-4293.

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25 KW Generator with about 100 h.p. diesel motor, has less than 400 hours $2,200. 717-582-4240.

(3) 14 ft. W x 12 ft. H overhead doors complete with shelters 400 Case Casomatic 717-927-6564 after 4.

Detroit Power Unit, 147 h.p. in good condition $2,500. or best offer 215-588-1350 anytime

Farmall 100 tractor w/cultivators, fertilizer box and 1 point lift Also Farmall C tractor with cultivators Ford 8N tractor. Many other implements. All good condition. Selling out Call evenings. 609-235-3099

LANCASTER COUNTY 86 acres high meadow land w/stream $30,000 12 acres open ground $42,000. Buy both for $66,000 COATES REALTOR 717-291 1541 Evenings Call Shakespeare 215-857-5464

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Gleaner E combine cab, 13' floating cutter bar, 2 row corn head 717-683 5668

JD 714 forage wagon very good condition also Model 495 NH haybine, good condition 717 532 7054

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Building and Supplies
Silos and Unloaders
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Farm Equipment Wanted

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Oliver 1750 w/3 speed over and under year round cab 814-793-4293

AC D21 Tractor with 7' bottom plow, AC F combine 1974, 13" grain head with generation 3 floating cutter bar, IH model 58 8 row planter, 4 row cultivator for AC tractor back mounted, Farm Fan model 350 batch grain dryer, 609-259-3733

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Ford 5' rotary mower
Ford 7' disc
Lely spin spreader
6' scraper blade
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Int 7' sickle mower
TOM WHEARY
Lancaster, PA.
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Montgomeryville, PA , 18936
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FARM EQUIPMENT

JD 4230, 4 post rollguard, dual outlets, excellent 814-793-4293

JD 4020 side console real clean, low hours 814-793-4293.

JD 730 diesel, electric start, wide front, 3 pt. 814-793-4293

Oliver 1850 diesel, dual hydraulics, wide front, 814-793-4293.

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MF 1100 diesel dual hydraulics, 38" rubber, 814-793-4293

Nicholson Hay Tedders
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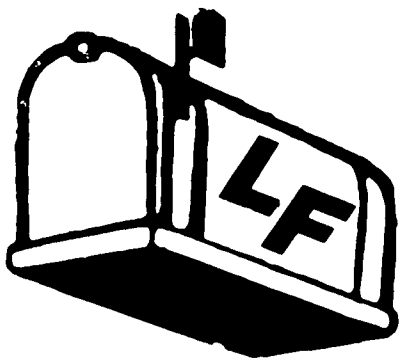

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For Sale - 3200 IH skid loader, beautiful, like new condition, $4400. Call 717-367-5113 after 6 PM.

For Sale - Combine #93 International in very excellent condition with 10' header and hume reel. Phone 814-344-6356.

Pulling Tractor, IH 686 SS, 107 hrs., 30.5x32, meets NTPA rules, glass grill, mini WF, turbo funny gears, slipper clutch, engine goodies. Call Iver. 607-264-3411.

IH 91 self-propelled combine, 10' grain head, good condition. Make an offer. Also pull type Massey Harris 50 Clipper. 814-349-8303 or 814-422-8727.

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For Sale - NH 354 Mixer, $1,600; Hesston 7020 Harvester, $1,200; Gehl 960 Wagon, like new, $5,400. 717-733-0575.

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JD 2030 diesel, 2,500 original hours, 18.4x30 rubber, 1975 model. Showroom condition, $7,100/offer 301-833-9091.

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Model 100 Allis Chalmers self propelled combine 10 ft. cut, excellent. Call 412-423-5343. 5:00 P.M. $3,000.

For Sale - Gleaner C-2 combine with cab, 4 row corn head and 14' grain head. Excellent condition. 814-425-2587.

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1979 MF 550 diesel combine, hydrostatic, air. About 2,350 hrs. 13' flexible grain and bean head. 4 row 30" MF 1143 corn head, $25,000 or best offer. Combine in use now. Lancaster Co. 215-267-6692.

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FOR SALE - JD 4020 Syncro range dual hydro, diff. lock, $6,500. 215-383-6818.

For Sale - 15' pressurize Wick Bar, $750; 13' McCurdy roller harrow, $2,700; Haybuster model 1068 no-till drill, $5,500; Valk 8' V type snow plow, $1,200. Call Sheaffer evenings. 301-758-1497.

Badger 1500 gal. manure tank with sub soil injectors, $5,500; NI 217 bushel manure spreader, $3,500. Call after 7 PM. 703-872-3397.

For Sale - 2 row AC forage harvester, like new, $2,800. AC blower, $300, York Co 717-235-2633.

For Sale - John Bean potato harvester #266, good condition. Phone 215-837-0545.

Owatonna 260 self-propelled haybine windrower, semi cab always stored indoors, gasoline engine. 412-865-2608 before 9 p.m.

2 Patz barn cleaners, one for 90 cows, one for 60 cows, good condition, priced reasonably. 201-879-5851 Days. Nights 201-584-5054.

Wic bedding chopper, late model, like new condition, $1100 firm; also (2) Dayton 24" circulating fans, $75 each. Call 301-271-4139.

For Sale - Heavy 12', 6 way Waldron bull dozer blade, excellent condition. Made for articulating wheel tractors. 703-721-2150.

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JD 4430, 4 wheel drive tractor. Also JD 4230, 4 wheel drive tractor Both in very good condition. 717-532-7054.

For Sale - JD 3020 diesel power-shift dual hydraulic, narrow front, 2000 hrs., new tires, $7,500. JD 145-A semi mounted 3 bottom 16" plow with 2 hydraulic cylinders and hill side hitch, $1,500. JD 7000 cons. no-till 4 row planter, dry fertilizer, only planted 250 acres, $7,500. IH 234 mounted 2 row corn picker, $1,500. Above machinery like new never left set out. Also many new & used parts included. Call 717-235-5090. York Co. Day or Night.

For Sale - AC 6080 with year round cab, 800 hours, $15,000 215-766-7644.

For Sale - New and used Vent-O-Matic fans and parts. truck bed with hoist; 7½ HP air compressor; Used heat reclaimer; new magnetic MNR to prevent and eliminate scale buildup in pipe fixtures. Columbian cookstove parts. Lancaster County. Paul Heistand, 717-426-3286.

For Sale - 560 Farmall Tractor, $2,000. 717-442-8020

SYCLE BAR MOWERS
IHC 100, 7' semi-mount
IHC 100, 7' F/H
IHC 7' Super A, rear mount
TOM WHEARY
Lancaster, PA
717-687-0102

For Sale - JD 4 row, 3 pt. hookup cultivator, $1,200. 215-593-5345

21' fold up harrow, good condition, $1,200. Stump Acres. 717-792-3216. York Co.

For Sale - Fox Super D self propelled forage harvester with model 2000, 8 knife cutter head, electric knife grinder, cab, air conditioning, 471 Detroit, 2 row corn head $7,950. Amelia, VA 804-561-3267 after 7 p.m.

NOTICE-We buy, sell, or trade used Wisconsin TFD, THD, VF4D, VH4D and VG4D engines. Also clutch reduction units; complete rebuilding, reasonable rates, work guaranteed. Stoltzfus Engine Service, 2447 Stumptown Rd., Bird-in-Hand, PA 17505.

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FOR SALE-1 24,000 bushel bin; 1 16,000 bushel bin; 1 18,000 bushel bin; 1 Ideal dirt bin; 1 AS 600 Super B grain dryer - 3 phase, 1 Model 3000 MD bucket elevator with cleaner; 3 phase converter, 1978-79 John Deere 6600 Sidehill Combine 1500 hrs. 6 row narrow corn head, 15' grain head. 717-286-6411 or 717-286-0215.

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510 Massey Combine, quick attach grain and 4 row corn header, stored inside, diesel w/air, only 300 hrs. total time. $24,900. Call 814-674-8756

For Sale - JD 48 loader with independent valve 717-532-7054

Wanted - Hesston field queen 7038, 3 row forage head 703-721-2150

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For Sale - JD 4320 tractor, very good condition. 18.4x38 tires 717-532-7054.

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For Sale - JD 2 row truck bed potato digger. 215-593-5004.

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Chisholm - Ryder snap bean harvesters, all machines complete w/hyd. dump boxes, recond. and painted, 609-769-3183.

8N Ford tractor, heavy duty loader with hydraulic bucket, 3 pt. blade. Excellent running, good rubber, $2,950. 717-464-2815.

Snowco grain auger, 40'x6" PTO driven with extra tubing and auger parts to expand to 55 feet; 2 Radson moisture testers. 215-666-5410 after 6 PM.

FOR SALE - 24' Little Giant conveyor, in good condition. For further information call evenings. 215-775-3511.

Gehl flail chopper 6', like new. Jack Sunday, Carlisle. 717-243-4796.

10 h.p. Mix Mill and Blender, 1 yr. old, excellent condition, good price. 717-637-0192.

IH 315 combine w/cab, Dickey-John monitor, hydrostatic drive, 3 row corn head w/central lube, 14' grain head, $2,700 or best. 201-782-4439

For Sale - White 2-105 Tractor, JD 3940 Chopper, 2 RN, used 1 season; 3 pt. 4 tooth manure injector, $600; IH B275 on steel, $850. 717-733-0575.

FOR SALE - Favorite threshing machine and McCormick deering reaper and binder, good shape. Phone 717-488-6681.

Hesston PT 10 haybine, reconditioned, new paint, $1,500. 717-328-2479.

MF 304 HD Tractor, front end loader, new tire chains w/cleats, shuttle trans. 814-848-9633.

For Sale - Farmall Super A in good condition, $1,895. 717-665-9351.

For Sale - Deutz Tractors - 1979 130-06 cab, 130 h.p.; 1979 80-06, 92 h.p.; 1978 68-06, 68 h.p.; 1975 100-06, 105 h.p. Lancaster County. 717-426-2659.

Uni System 702 Diesel w/727 Husker, 735N head, late model equipment. 717-872-5267.

JD 3010 Diesel 48 Loader, controls, 6' bucket, good working condition, best offer. Call 301-778-5335.

For Sale - 1100 MF, nice shape. Blair County 814-793-3926.

JD 105 corn special. 13 ft. platform, 4 row corn head, dual wheels, hill side blower, very good, $6500 or trade. 1974 JD 4400 combine diesel, very good condition, $9500. Both ready to run. Clearfield County. 814-583-5332.

JD 3020 D WF Syncro; JD 3020 D 1700 hours. 301-582-1927.

For Sale - 410 Massey Ferguson combine with 13' grain head, 4 row narrow corn head and 4 row wide corn head. Good condition. International #56, 4 row corn planter 717-658-3518.

New Stoltzfus 5 ton lime spreader mounted on extra heavy duty military type tandem carrier. Spin spreaders are hydraulically controlled for more uniform coverage. Built for coal reclamation work, but never used, $6,500. 717-328-5520.

For Sale - 8N Ford tractor, 4 speed with Deerborn manure loader. 717-244-2221 after 5 PM.

Used 5 ton center mount hydraulic truck crane. Boom is telescopic and reaches from 15-25 feet. Unit has right and left controls and includes outriggers, $1,500. 717-328-5520.

Allis Chalmers snap coupler #80R twin action rear mounted mower, $275.00. Phone 814-224-4577.

Used 12 ton 20' Dorsey trailer. Unit includes fifth wheel dolly and was previously used for hauling sheet rock. Ideal for fertilizer or other heavy loads. 10:00x20 tires, $2,200. 717-328-5520.

FS-IH #9 ensilage cutter in A1 condition, also truckload sale on water bulls & cow trainers. Dealer Inquires Invited Leroy B. Esh Hardware. 717-768-3681, 768-8788

John Deere model LA, new paint, good rubber, $1,250. 215-675-1613. Alfred Daniels, 480 W. Street Rd., Warminster, PA. 18974.

For Sale - 5 wheel Int wheel rake; Int. 2 pt. hitch 7' sickle mower. 717-548-2312.

1972 wheel motor, Hough 65-C, good condition Asking $16,000. Call 215-377-0579.

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NI 702 diesel Uni tractor Also 710 combine, 727 picker, 760 chopper with heads, 725 3 row narrow piker head. Also 2 row wide head. Will Separate 304-263-9801.

IH 844 corn head, excellent, low acres, $5,000 or best offer; MF model 12 baler with wagon shoot, good, $700. York Co 717-993-6393.

For Sale - Troyer high speed potato grader Call 717-367-2633.

FMC tomato harvester model 67; 75 Gleaner L combine, 6 row corn head and grain head, good condition. 301-778-5836.

JD 4420 combine with 13' grain head 4 row corn head with 200 hours, 16' flatbed hay wagon, 1 JD stacker and mover, 3 gravity wagons; 80' of cow grates for 16" ditch 717-745-7472.

For Sale - 30 HP International Harvester diesel tractor. Kelly loader, excellent condition, $4,000. York Co 717-757-1386.

For Sale - Oliver 1650 diesel wide front, recent over haul, excellent condition, 18.4x34 rubber, $5,000. 717-784-4285 Days. 717-784-6359 Evenings

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For Sale - Vermeer round balers used 504-C and 605-F, NH haybines, #460 and #479, AC 66 combine 412-423-4076

For Sale - MF 82 combine, 12' grain head, 2 row corn head, cab, field ready, $2,600 or best offer Columbia County 717-925-2801.

Stainless tanks (1000 and 500 gal.) AC tractor 190XT, JD 7000 corn planter, 6 row, '72 Ford T-tag, Spreader truck with new Leader L-30 hydraulic spreader 250 Cummins, IH 1700 4x4 spray trucks 1972 and 1974, 21 foot flatbed trailer, 20 ft steel dump trailer, 1969 GMC tractor with Wet-line, 125 HP 4x4 Diesel farm tractor Call 717-535-5151, 567-9555, 444-3220

Farmall Super A with touch control, 2 wheel trailer, right hand plow, disc hillers, furrow openers, cultivator, rear chains, leveling blade, $3,000 Schuylkill County, PA. 717-345-8367

FOR SALE - Holstein semen, one straw, Oceanview Sexation, three amps, Citation R Maple, five straws. Ecraso Acres Freelancer Call 717-665-5268.

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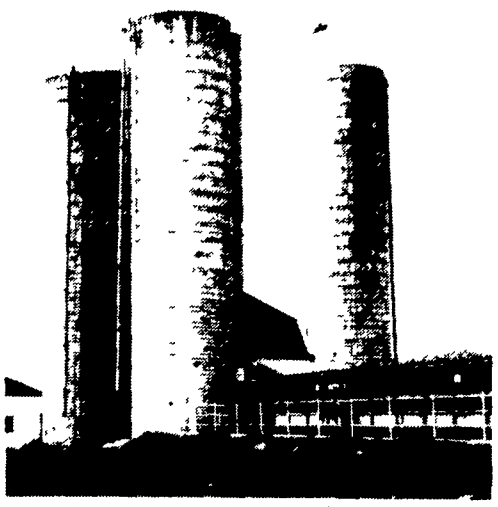

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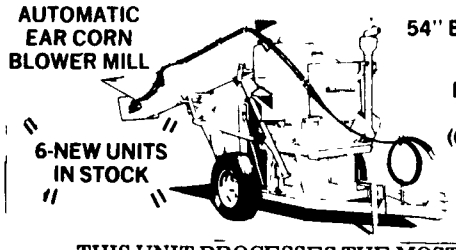

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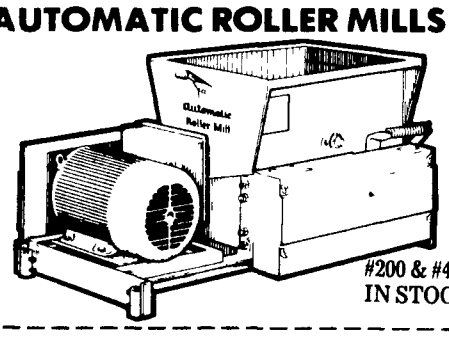

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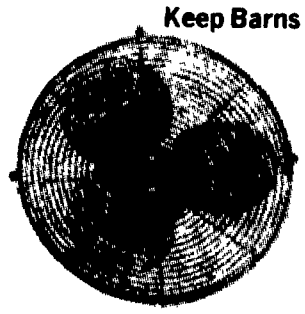

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NH 36 Crop Chopper
IH 8 Crop Chopper
NH 717 Harvester
AC Forage Harvester
NH 16' Forage Box
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NH 352 Grinder Mixer
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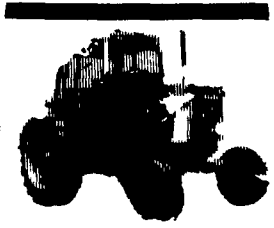

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- MF 1085 w/Multi Power
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A C and Wisc 2 and 4 cyl power units with or without clutch reduction

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4/65 Nuffield Diesel with heavy duty Lord Loader $3500; Kverneland 4-16" btm. plow $450; 12' transport disk $450; 2 roller cultipackers $175; Coop E3 40HP just overhauled, new clutch, remote hydraulic independent PTO $800, Int. Papec portable feed grinder, good condition $1500; Ford 3000 Diesel live PTO remote hydraulic, excellent condition $4200; Ford 3 bottom plow, new moldboards, extra shears $375; Gravity bin wagon $450; self-unloading forage wagon $250.

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AC 4 row 600 No till cornplanter
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4,000 heavy MD tobacco stakes, $300/thousand 2 row Mechanical Transplanter used one year, $850 Balto Co 301-329-6435

'58 New Holland bale thrower off 278 baler Good condition with extra belts and parts. 717-225-4511, 717-225-5142, 717-225-3066. York Co

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For Sale - 450 ft of new 2/0 welding cable $1.00 per ft. Call Berks Co 215-929-0381.

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For Sale - Bear-Cat cultimulcher 12', like new, $1,895.00, 70 Coachman 35' trailer, full bath, air condition, expanding living room Asking $3,500 Lebanon Co 717-273-6018.

PARTS FOR SALE - Farmall M, Farmall H, Farmall A, Farmall C, JD B, Int. 350, Massey Harris 30, JD 430, JD 1010, TD 9, TD 14, TD 18 No Checks. Wayne County. 717-937-4558.

Marion crane w/backhoe & shovel attachment. Crane in good condition; shovel and backhoe like new. Also clam bucket to go w/crane. For digging pond or ditch work. 703-740-3458.

Gehl Forage Box Model 960, 16x6 wood bolted with roof, 3 beater, 12 ton gear, Like new $6,500 Dealer - Lancaster County
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FOR SALE
One Stormore Bi-Mass Bale Burner. Remove from premises and save money.
Call
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MF 410 COMBINE
Diesel, 4 row wide corn head, 13' grain head, good condition.
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48' Butler Storage Bin with roof vents and aeration fan. Approx capacity 95,600 bushels. Tear down and remove from premises and save money.
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Ear corn, oats, buckwheat, soybeans, wheat and oat straw, hay Call 717-444-3968

Electric barn cleaner, oscilating type, in barn, best offer 717-867-5077

FOR SALE - JD #48 Loader, asking $1,850, good condition Call 717-966-3919, 6-8 mornings and evenings.

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Two 1700 BU round corn cribs w/air vents, $600 each, Zimmerman corn and bale elevator w/2 HP electric motor like new, $1,600; Case Model 650 self-propelled haybine, $1,400 Phone 717-624-2313

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Oliver 1850 Perkins Motor, WF, live PTO, dual hydraulics. 814-696-0868

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Ford Tractor, 6600, 1250 hours, $12,500. 215-863-9187. Call between 5-9 a.m. or 5-9 p.m.

JD 4440, 4 post roll guard, quad range, differential lock, dual hydraulic, new tires, good condition. 215-383-6818

For Sale - Badger forage harvester, same as Massey, 2 row corn head and hay pick up, good condition 717-786-2839

For Sale - New NI 323 picker. Not sept up, $5,900, Hesston PT 7 haybine, $1,500; Super A with sickle bar mower, $1,500; Nortech screw wedge log splitter with 9 HP gas motor, $450. 717-653-5733.

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For Sale - Int. 666 Tractor 717-292-1856

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Farmall Super M with 2/row mounted picker 814-696-0868

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Gehl forage wagon, 3 beater w/roof, 10 ton gear, excellent
IH 510 grain drill, single disk w/grass seed, like new.
IH 2 row model **720** or **830 corn head**, fits all late style choppers, used on 140 acres.
JD 3 row wide **corn head**, fits late style pull harvesters and self propells.
NH #55 rake, reconditioned.
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JD B Cyclone
JD 60 with Power Steering
IH 300 Industrial w/Loader
IH 450 Diesel w/Fast Hitch
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Farmall Super C, Fast Hitch
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(3) Farmall H's
(2) MF 50 Gas

HAY & FORAGE EQUIPMENT
JD 24T Baler w/Thrower
NH 273 Baler w/Thrower
Gehl 880 Mower/Conditioner

COMBINES
AC Model F Gleaner
JD 42 Combine
(2) NI 323 Corn Picker
IH 1 Row Corn Picker

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NI 42 Ft. Elevator w/3 HP Motor
JD 70 Skid Steer

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NI #224 Spreader
NI #245 Spreader
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Many Models New Holland Spreaders

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18'6" Amco Disc
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NI 323 corn picker, $2,600
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Int. 140 tractor w/cultivator
JD 336 baler, no thrower, $2,350
JD 24 T baler w/thrower, $950
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NH 268 baler w/thrower

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NH MODEL 311 BALER
With Model 70 Bale Thrower Complete w/Hyd. Directional Control, Wagon Hitch And Manual Controls
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$8,595

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With Elec. Controlled Twine Threader, Makes 800 lb. Bale
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NI MODEL 486 ROUND BALER
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Vermeer Tractor Backhoe Articulating and Blade New Price $45,000 — **$5,000**
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JD 4400 rotary screen diesel, heat and air conditioning, monitors, excellent condition with JD 215 grain head
1969 Dodge 16' dump stake grain truck, 26,000 GVW, good condition, recent paint.
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Ford 5000 dual power
Ford 4000 D LPTO
Ford 3000 G & D
Ford 80 Rotary Cutter
Ford 8N
Ford 9N w/loader
IH SC w/fast hitch
AC D15 3 pt.
David Brown 1200
Case VAC 3 pt.
Case 930 Tractor
Satoh 4WD w/loader
JD 2640 w/canopy
JD 520 3 pt., PS
JD 60 PS, LPTO
JD 4400 G Combine
MF 175 D 8 speed
MF 235 G PS
MF 33 Grain Drill
Ontario Grain Drill
NI Hay Rake
Howard Rotovator
Ford 6 B Plow
Ford 309 Planter
NI 206 Spreader
NH 216 Spreader
Case 230 baler
Ford 530 w/thrower
Ford 250 Baler

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Case 350 Crawler
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IH 300
IH 86 Hydro
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NI 702 Uni w/Combine
IH 403 Combine

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Allied auger, 6x51 PTO drive, $1,900
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Woods RM 59, 5', 3 blade
Woods RM 600, 6', 3 blade
(2) Woods T50 rototillers, 3 pt. hitch, PTO drive
Woods 750 backhoe, 3 pt. hitch
Snapper hydrostatic drive lawn tractor, 1650 with 48" mower
MF 205 tractor with Woods 348 under mount 48" cut mower

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Taylorway chisel plow, 10', $1,600
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NEW TRACTORS

JD 2150 MFW-TSS w/Hi-Lo	
JD 2350 Dsl TSS w/hi-lo	
JD 2440 Dsl	
JD 2750 Dsl TSS w/hi-lo	
JD 4650 SGB and PS	Call For Prices

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JD 680 Spreader	
JD 445 Spreaders	
JD 315 13' Disc	
JD 660 Rakes w/rubber teeth	
JD 3940 Fg Harvester	
JD 712 Mulch Tiller	
JD 2600 5Bx18" Plow	
JD 1250 Plow 4Bx16"	$2450.95
JD 2700 6Bx18" Plow	
JD 16x10 FF Drill	$4000
JD 327 Baler w/ejector	
JD 27 Flail Shredder	
JD 965, 1065, 1075 & 1275 Running Gears	

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1981 White Combine 7300 w/704N 4 Row Corn Head	$24,500
JD A Tractor	$1050
JD B Tractor	$1200
JD 50 Tractor w/Loader	$2200
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JD 4040	AC D14
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Ford 2600	IH 1566 w/Cab
	JD 4640

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AC M2 4 Row Head 15' Platform
AC F w/13' Platform
AC K2 2 Row Corn Head 10' Platform
AC N5 Rotary
AC N6 Rotary

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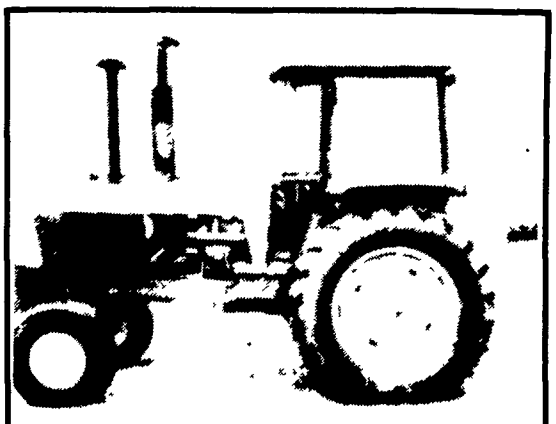

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IH Cub w/Mort Mower w/Plow
JD Cyclone B
JD 3020 Diesel

HAY & FORAGE
IH 990 Mower Cond
Gehl 9' Mower Cond
640 JD Rake
JD 214 Baler
NH 717 w/2 Row Head
NH 707 3 pt w/2 Heads
NH 880 No Heads

CORN PLANTERS
JD 7000 Wide Row Nice
JD 7000 Narrow Row
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JD 494A Planter
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JD 290 Planter

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JD RWA 10' Disk
IH 370 11'5 Disk
3 pt Ford Disk
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Badger 220 BU Spreader
$4895.00

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AC 2500 Disc 10 ft. 10 in.
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(3) AC 6080 2 WD

USED TRACTORS

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2 NH 717 Forage Harvesters
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IH 555 Forage Harvesters
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Gehl 300 Forage Harvester
Gehl 600 Forage Harvester
MF Hay Rake
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NH 77 Baler w/ Motor Thrower
JD 24T Baler w/ Kicker
NH 268 Baler
NH 269 Baler
Laley Wheel Rake

SPREADERS

NH 518 2 Beater
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MISCELLANEOUS

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Brillion 12' Chisel Plow
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NH 479 Haybine
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NH 310 Baler
NH 273 Baler
NH #28 Blower
NH 770 R2 Corn Head
NH 717 N2 Corn Head
NH 717 Pickup Head
Bush Hog 5' Rotary Mower
Case 4B Plow
NH 258 Rake

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336 - 4wd Ag	$9,295
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- (1) Vicon 950 lb. Spreader
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- (2) Vicon RP 1210 Round Balers
- (1) Vicon SP 450 Square Baler w/Thrower
- (1) Vicon 460 Square Baler w/Thrower
- (2) Vicon 8' Mower Conditioners
- (1) Vicon 11' Mower Conditioner
- (1) Vicon 5½' Mower

USED EQUIPMENT

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  List $719
  Cost $527.64
- IH 656 - D282 Diesel
  List $976.19
  Cost $715.77
- Ford 4000 201-3 cyl. Diesel
  List $722.85
  Cost $530.01
- JD 4020 404 Diesel
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  Cost $1032.54
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John Deere 480 mower conditioner
20 8x38 8P G Y power torque, new, slight damage pair, $800
14 9x28-6P G Y power torque, new pair $330
MF-1150 V-8 engine, turbo multi power trans
Case 930 gas, comfort King, wide front
Case 830 diesel, comfort King, Case-O-Matic, wide front

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D7007 Deutz Tractor, 68 h p
DX 4 70 Deutz tractor, 90 h p w/4 post safety frame
DX 120 Deutz tractor, 111 h p, w/4 post safety frame
Leon 636 heavy duty front end loader, fits Deutz tractors
Deutz-Fahr KH300 9 8' Hay Tedder
Deutz-Fahr KS85 Hay Rake
Custom-built diesel Gen-Sets made to order
New & Used Deutz diesel engines at special prices Call for details
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Wood & steel bale racks, New & Used trailer sprayers, NH 256 rake w/dolly wheel, JD 640 side rake, JD 660 side rake, NH 56 rake, Gehl 900 side dump forage wagon, flail choppers, NH 38, JD 16A like new, IHC #8 very good, NI side delivery rake, NI 402 rake, NI 254 trailer mower 7', NI wheel rake, AC 6 ton running gear w/flatbed wagon, Hesston PT 7 & PT 10, 1090 mowditioners, NH 1005 bale wagon like new, IHC, JD, AC, NH pickup heads, 270, 272, 279 new & used cutditioners, Hesston #10 stak hand very good, Hesston #30 stak hand & stak mover. USED HAY & GRAIN ELEVATORS: NI corn pickers one & 2 row w/husking beds & shellers. USED HAY BALERS: NH 273, 276, 269, 275, JD 24T, Hesston 4500, IHC 425- most w/throwers. USED ROUND BALERS: Hesston (2) 5800's, NH 850, NH 846 auto wrap like new. USED FORAGE HARVESTERS: Hesston 720, 2000-100, 2000-150, NH Super 717, 770 & 880. New & used bale elevators and bale movers. Used Kuhn & Fahr centipede hay tedders, Grimm hay tedders PTO & ground drive.

USED TRACTORS

AC 7040 w/cab, 7030 w/cab, 7000, 200 w/cab, 190XT w/cab, 160, 660 w/loader, 5040 w/loader, D17 Series IV factory 3 pt. gas & diesel, D15, 170 w/loader, B, C.
FORD 3600 D w/factory cab, 800, 600, 8N.
MASSEY FERGUSON 175 D, 135.
JOHN DEERE 4020 diesel power shift, 3020 diesel, 2640, 2440, 2510 Diesel, 720 diesel, wide front, 530.
IHC 706, 140 w/cultivator, 100 high clearance, Super A w/equip., 3 used Cubs w/belly mowers.
KUBOTA 225 tractor w/cab.

MISCELLANEOUS

Farm Bilt 8x18 steel bale racks, Great Bend quick tach front end loader off Farmall 826, also fits various other tractors, Pick Stone Picker, AC, MF, JD, IHC Garden Tractors w/mowers, Dunham Lehr Loaders, GMC Power Unit w/PTO Clutch, JD and IH 2 row Potato Diggers, AC year round cab for AC 190 or 200, year round cab for JD 4020, NI 206 spreader like new, NH 455 trailer mower w/9' bar, Bush Hog & Woods rotary mowers, dual wheels 34" and 38", GMC power unit w/PTO clutch, Ford power units various sizes.

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Ford 3000
New Ford 3910
Ford 4000
(2) Ford 4000 1972,
Ford 4600 1976
Ford 5000 1969, SOS
Ford 6600 dual power w/cab
Ford 7000
Ford 7600
(2) Ford 7600 1976 w/cab, DP
Ford 7700
Ford 8100, 1980 w/cab, DP
Ford 8600 1972 w/dual power
Ford 9600
Ford 9700 cab w/air, dual power
Ford TW 10 w/duals, cab & air
JD 1030 hi-lo, w/cab
JD 1120 1969 hi lo
JD 2130 1975, w/cab
JD 2130 1976
JD 2130 1978, 4WD w/cab & heater
(2) JD 3120 1969
JD 3130
(2) IH 784 w/cab & heat
IH 966 1974 w/cab
MF 135
Universal (Long 445) 4 wheel drive
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Kubota - L185 - w/L59 Woods Mower & Showblade, 992 Hrs 1980 Model
IH 1086 Tractor - 3116 Hrs. 1977 Model
JD F350 4x16 Power Reset Semi-Mtd Plow
JD F145A - 5x16 Semi-Mtd Plow
JD 101 22½' Field Cultivator, Like New
JD 494A Corn Planters
AC 7 Row No-Till Bean Planter
JD 7000 4 RN Planter, Like New
Century 200 Gal. Trailer Sprayer
IH 13 ft. Roller Harrow
JD 896 Rake
JD 7 ft. Killifer Offset Disc Harrow
JD TWA 11 ft 24 Blade Plowing Disc Harrow
JD 567 Wheel Rake w/6 Wheels, Like New
JD 4 Row FM Cultivator
JD 709 7' 3 pt. Rotary Cutter
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JD 148 Loader
JD 34 Spreader, excellent
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JD FB-B 17x7 Drill
NH 355 Grinder Mixer, Excellent
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JD 7700 Hydro Combine
JD 3300 Combine 1976 Diesel Engine w/13 ft. Platform
JD 45 Combine
JD 244 Corn Head
NI Cutditioner
Flat Bed Dump Wagon
JD #1 Bale Ejector
JD #1 Hay Conditioner

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JD 4050 Tractor With 4 WD } Call For Price
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Glenco:		
3 pt. 5' Chisel	$1095	Vicon Disk/ Conditioner
12½' Field Cult.	$2395	Gehl 1850 Baler
7 shank Soil Saver	$5795	Gehl 1250 Harvester
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AC 170
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MM U302
AC 7040 Cab P.D.
AC 6060

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Case 1070 w/Cab & Air
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IH 656 w/NI Loader
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MM Model UTU, 50 HP

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Stak Hand 10 - 3 In Stock

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IH 990
JD 1209
Vicon 240
OMC 235 w/Swing Tongue

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White 4-78 Fork Lift

IH 205 COMBINE
w/13' Grainhead, 3 Row Narrow Cornhead With Cab & Air
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LAMCO Wooden 16' Flat Rack $450
Kill Bros. No. 375 Gravity Box $785
Lely Lotus 300 10 Ft., 3 pt. PTO Tedder And Rake ..... List $2,184 ..... This Week Only $1,750

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★ **N. BALERS:** JD 337 & 347; NH 311; NH 316; U. NH 283; U. NH 271 w/Thrower; U. NH 68 PTO w/No. Thrower; NH 847 Round Baler.
★ NH 77 Baler-Like New, Orig. Paint, Engine Runs Good-Special F.O.B. — $395
★ **N. RAKES:** NH No. 256; NH 258.
★ **N. WAGONS:** N. Deere 716A For. Box.
★ **N. MOWERS:** JD & WOODS Rotary Mowers, Pull and 3 Pt.

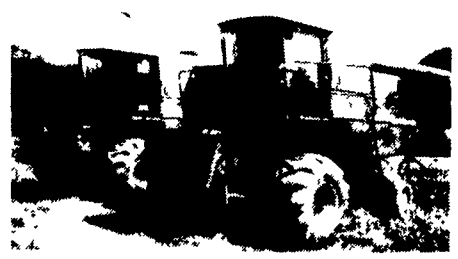
MISC. EQUIPMENT IN STOCK!

N. NH 782 Harv. w/Windrow & 2 Row 30" Cornhead.
N. NH 30 Blower
N. Deere & Woods 3 Pt. Rear Blades
U. Woods RM 48 3 pt. Mower
U. Woods 80" Pull Type Rotary Mower
U Woods 80" 3 pt. Hitch Mower
U. Papec 13" Feed Mill
U. NI 10' Pull Type Fert. Spreader w/Seeder
N. Vicon & Lely Spreaders and Rakes
N. NH & Little Giant Bale Elevators
N. Kuhn Hay Tedders
N. Hardi Air & Boom Sprayers
U. NH 425 Skid Steer Loader w/2 Buckets.
N. JD, Wheelhorse, Dixon, Grasshopper and full line of N. & U. Lawn & Garden Equipment.

TRACTORS

Agra Power By Fiat, 48 Hp Diesel, 3 pt. Hitch, with or without Woods Rotary Cutter.
U. JD 2020 Utility w/Weights, New Tires, Nice.

2 GOOD USED JD 6620 SIDEHILL COMBINES



• With or Without Heads •
We Have A 215 & 216 Grain Table Plus
A Used 444 And New 634 Cornheads
These Are 1-Owner Machines...
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(2) Round Hay Feeders ..... $85 ea.
(1) New JD 1075 Wagon
(1) 6 Ft. Super Pan
New Westfield Auger, 8x56
New JD Forage Box
New NH TD-200 Disk (Take $1,000 off Courtesy of New Holland)
New Brillion Single Packer, 12'
New Brillion Single Packer w/Carriage and Hitch, 14'

NEW JD 4420 COMBINE IN STOCK!

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SAVE 10% NOW ON JOHN DEERE HYDRAULIC HOSE

Now's the time to replace worn hydraulic hoses on your equipment. And your John Deere Parts Pro is the man to see for the hose you need. Right now, eight 3/8-inch pre-made hydraulic hose assemblies, 24 to 144 inches long, are on sale at 10 percent off our normal list price. All feature one rigid and one non- leak swivel coupling. All have a rated working pressure of 2,500 psi and a minimum burst pressure of 9,000 psi. Stop in soon and stock up on the hydraulic hose you need. This special offer is in effect July 15 through Sept. 30, 1984.

NOW!!!

YOUR 1985 HAY & FORAGE NEEDS ARE AT YOUR FINGERTIPS

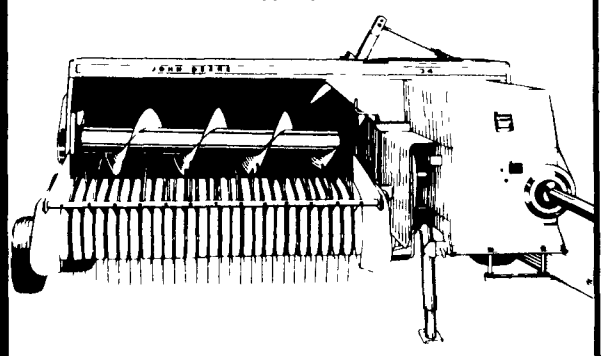
JOHN DEERE FINANCE PLAN

NEW & USED HAY EQUIPMENT

Finance Charges and payments are waived to May 1, 1985

OR

Cash allowance in lieu of waiver.

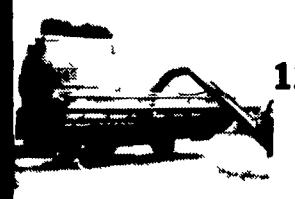


NEW JOHN DEERE HAY TOOLS IN STOCK

- 327 - Baler w/30 Ejector
- 337 - Baler w/30 Ejector
- 347 - Baler w/30 Ejector
- 430 - Round Baler
- 1219 - Mow/Conditioner
- 1327 Mow/Conditioner
- 660 - Side Hay Rake

USED HAY TOOLS

JD 430 Round Baler (like new)
NH 567 Baler w/Thrower - Priced at $595



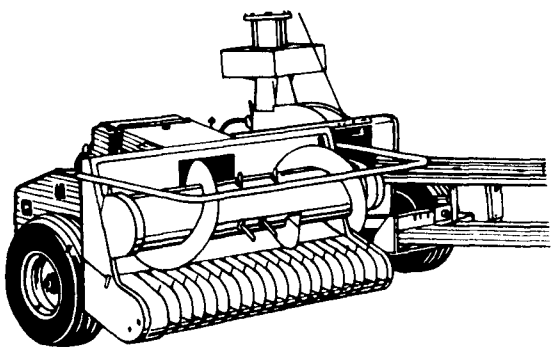
JOHN DEERE 12-14 HYDRA SWING MOWER CONDITIONER
Reduced to $1,350

NEW & USED FORAGE EQUIPMENT

Finance charges are waived to January 1, 1985.

OR

Cash allowance in lieu of waiver.



NEW JOHN DEERE FORAGE EQUIPMENT ON HAND

3940 Pull Type Harvester
3960 Pull Type Harvester
5720 Self Propelled Harvester
5820 Self Propelled Harvester
716A Forage Wagon

USED FORAGE EQUIPMENT

JD 3800 Pull Type Harvester
JD 3R 38" Row Crop
JD 115 Chuck Wagon
JD 125 Chuck Wagon

NEW HOLLAND 1895 HARVESTER
Cab, Air/Htr., Metal Detector
4R 30" Row Crop Hay Pick Up
Priced at $32,500

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Our Good Prices Become Great Deals

Our Selection of Used Tractors

JD 4640 Dsl. Quad, S.G. Body A/H w/Radio, Dual Outlets- Quik Coupler	JD 2440 Dsl.	DEUTZ 6807A Dsl., Cab, MFWD, AM-FM, tape
JD 2940 MFWD, Cab w/Leon HD Loader	JD 4430 Q/R w/4 Post Roll Gard	IHC Farmall 504 Gas, WFE
JD 2640 w/Roll Guard and Enclosure	JD 1530 Dsl.	Ford 6000
	JD 1520 Gas	Ford 801
	JD 3010 Dsl, Row Crop	Kubota B7100 4WD w/Loader
	JD "G"	
	MF 65 Dsl, Row crop	

JOHN DEERE 2940 TRACTOR
80 HP, MFWD, Cab, w/LEON H.D. Loader
Priced at $36,000

JOHN DEERE 1530 DSL TRACTOR
Live PTO
Priced at $7,500

JOHN DEERE 4640 TRACTOR

w/SGB Air/Htr., Dual Outlets Quik-Coupler, AM-FM Radio 24.5-32 10 P Rear Tires
Priced at $36,900

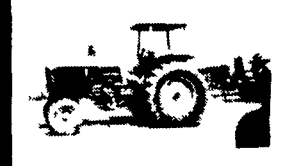
JOHN DEERE 2440 TRACTOR

Ind. Live 540-1000 PTO, Sngl. Hyd. Control, 8 Pos. Cast Whl., H.D. Straight Front Axle
Priced at $12,950

JOHN DEERE 2640 TRACTOR

Rollguard w/Weather Enclosure, Sngl. Hyd. Control, P/A 16.9-28 Tires
Priced at $15,500

DEUTZ 6807A TRACTOR
Dsl, 1981, Cab, MFWD, Radio
was $16,900
Reduced to $15,900



JOHN DEERE 4430 TRACTOR
Quad Range - 4 Post Rollguard, 20.8-34
Priced at $17,500

FARMALL 504 GAS TRACTOR
w/WFE, Fast Hitch, Repainted
Priced at $4,500

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WE WILL BUY OR TRADE 'OUR USED EQUIPMENT IN ANY CONDITION.

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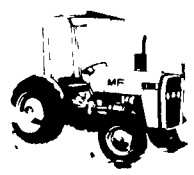

MF Massey Ferguson

TRACTORS & EQUIPMENT

MF 65 Tractor
MF 30B Tractor w/loader & cab
MF 35 Trac w/loader
MF 40 Diesel Tractor w/Loader Backhoe
AC D17 Dsl Tractor
MF 50 Tractor w/Loader & Backhoe
Ford NAA Tractor
MF 760 Combine w/Attchs
IH 440 Baler
NH 320 Baler w/thrower
NH 310 Baler
NH 273 Baler w/thrower
NH 518 Manure Spreader
NI 213 Manure Spreader
MH 35 Combine

NEW M.F. EQUIPMENT

MF 50 Tractor w/Cab
MF 285 Tractor
MF 250 Loader
MF 245 Tractor
MF 1030 Tractor
MF 1010 Tractor
MF 20 Turf Tractor
MF 236 Loader
MF 236 Loader to fit MF 184-4 Tractor
MF #43 2B Plow
MF 820 Disc Harrow
MF 320 Disc Harrows
MF 226 Scraper Blade
MF 227 Scraper Blade
MF 22 Bale Thrower
MF 218 3 pt Rotary Cutter
MF 222 Scraper Blades

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West Grove, PA
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TRACTORS
Oliver 1755 D w/cab
AC 5050 4-Wheel Drive

COMPACT TRACTORS
Kubota B6000 E with Woods RM 59 mower
Satoh S550 G

FORAGE
Farm Hand Grinder Blower

HAY TOOLS
NH 68 Baler w/thrower
NH 30' Elevator
(2) NH 469 Haybines

SPREADERS
NH 367 Tank Spreader (L.H.)

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Oliver 348 3-16 plow
Brillion 14' Transport Harrow
IHC 455 4-Row Planter
IHC 400 4-Row, No Til

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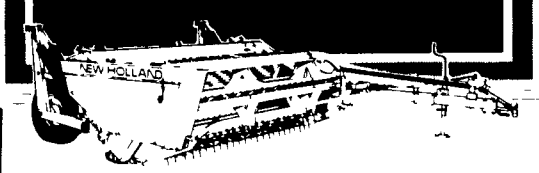
Located 14 Miles South of Port Royal on Rt 75

The big-capacity hay machine.



The Model 488 Haybine® mower conditioner gives you full width conditioning in a 9 machine. This high capacity mower conditioner practically eliminates plugging while it conditions the crop to retain the highest feed value.

The 488 features a sicklebar that moves at 1 632 spm equal angle PTO and an adjustable reel to pick up lodged crops.

If it isn't a Sperry New Holland it isn't a Haybine mower conditioner.

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$6400
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For Your Best Deal On Sperry New Holland Equipment
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New Park, PA
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MF Massey Ferguson

USED EQUIPMENT

MF 285 Diesel Tractor, Ex. Cond., w/6-mo. Unexpired Warranty Remaining - 170 Hrs!
MF 510 Diesel Combine w/MF 44 Cornhead
MF 410 Combine
NH 280 Baler w/Thrower
MF 12 Baler w/Thrower (Good Cond.)
MF 124 Baler w/22 Thrower
NI No. 10 Picker
IH 225 Swather
Riding Mowers
Push Mowers

NEW EQUIPMENT

MF 205 Tractor
MF 240 Tractor
MF 294-4 Tractor
MF SOLD actor
MF 1020 Tractor
MF 698 Tractor
MF 3525 Tractor
MF 224 Balers
MF SOLD lers
MF 216 Loader
MF 725 Mower Cond.
MF 925 Mower Cond.
MF 233 Disk
MF 860 Combine
MF 1163 Cornhead
NI 660 For. Harv.
NI 351 Spreader
NI 352 Spreader
Snapper Mowers
Dixon Mowers
Century Sprayer
Grimm Tedders
Woods Mowers
Herd Fert. Spreader

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MF Massey Ferguson FIELD QUEEN FORAGE HARVESTERS

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MF 285, 8 Sp.
MF 1080
MF 1130
MF 2705 cab, 700 hrs.
MF 1150 w/cab
Farmall MTA
Farmall 400 gas
Farmall 966
Hesston 780 DT, demo

COMBINE
MF 300, cab
MF 35, SP
MF 540, 13'
JD 30 PTO
IH 203

LOADERS
Gehl HL 3510
Gehl HL 2600
Gehl HL 4600

HARVESTERS
Gehl CB 400
Gehl CB 600
JD 35
Hesston 2000

MOWER CONDITIONERS
NH 469
NH 460
(2) Hesston PT10
Hesston 6400 12'
Hesston 420 12'

NEW EQUIPMENT
MF 250
MF 270
MF 285, M-P
MF 670, cab
MF 670, 4WD
MF 2640, 4WD
MF 550, hydro
Brillion 7' chisel plow
Hesston 6450 12'
Hesston 6650, 12'
Hesston 7150
Field Queen 7650
Gehl CB1000
Gehl CB1250
HL 3510
HL 4500
HL 4610
Gehl 1400 Baler

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JD 4050
JD 2350
JD 2750
JD 4250 SG, PS
JD 4450 SG, PS, MFWD

TILLAGE EQUIPMENT
JD 2800 5B Plow
JD 235 19'11" Disc
JD 115 10' Disc
JD 215 11'5" & 12'10" Disc
JD 1610 Chisel Plow

HAY TOOLS
JD 1219 Mower Conditioner
JD 327, 337 Balers
NH 316 & 320 Balers
NH 499 Mower Conditioner
NH 28 Blower
NH 489 Haybine
NH 38 Crop Chopper
NH 451 Mower
NH 256 & 258 Rakes
NH 782 Harvester

OTHER EQUIPMENT
JD 1065, 1075 Wagons
Century 500 Gal. Sprayer
DeLaval Manure Pump
Fahr KH500AS Tedder
NH 355 Grinder-Mixer

COMBINES & HEADS
JD 215 Flex Platform
JD 643 Corn Head
JD 6620 Combine
JD 444 C. Head
JD 4420 Combine

PLANTING EQUIP.
JD 7000 Cons. Pltrs 4R & 6RN
JD 8200 18x7, 21x7 Plain Drills

USED EQUIPMENT
Oliver 1800 Dsl. Tractor
JD 1240 Planter w/Dry Fert.
Pittsburg 4 Bottom Plow
Pittsburg 12' Disk Harrow
JD 8300 Soybean Drill 16x10
IH 1440 Combine w/13' Platform & 4RW Corn Head
JD 4020 Tractor
NH 791 Manure Spreader
AC K2 Combine
JD 643 Corn Head
JD 244 Corn Head
Fox 3000 Fg. Harv.
Lely Roterra 13'6"
JD 6 Row Max Emerge Planters - 1 w/Liquid Fertilizer & 1 w/Dry Fertilizer

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784
684, 4 wheel drive
274 w/cultivators
284 4WD
475 disk, 17'5"
18x7 comb drill
370 disc, 11'6"
720 auto reset 5 btm
2250 loader
#50 Shredder
800 Cyclo planter, 4 row

USED EQUIPMENT

FORD 801 SELECTO SPEED, JUST OVER-HAULED REAL NICE

NH 273 BALER VERY SHARP PIECE OF EQUIPMENT

IH 1256 tractor
IH 674 RC
500 crawler
Farmall M WFE
Haines bulk bodies
Ziggy bulk body, 16'
Mayrath auger 6"x27'
Massey Harris drill 16x7
IH 234 cornpicker
IH 56 2 row trail corn-planter, very nice shape
Potato planters
JD 2 row potato digger
IH 2 row potato digger
IH forage blower
Gehl 4500 skid loader
Bobcat 611 skid loader
IH 3120 backhoe
Holland transplanter, tractor drawn, mint condition
Case 230 baler
John Bean 3 pt hitch sprayer
400 Cyclo planter 4 row
IH 310 Plow, fast hitch

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1 J.D. 4400D Combine Complete Rebuilt Cab H & A 18.4-26 tires Auto-Matic header ht. control
1 J.D. 4400D Combine Cab H & A Long Feeder House, Big Tires, Header Ht. Control
1 J.D. 4400D Combine New 1978 900 Hrs. Cab H&A 18.4-26 tires, Header Ht. Control, Straw Chopper
1 JD 45 S.B. Combine
1 95 Corn Sp. $4500.00
Cab, 3RN SOLD Head, 4 RW Corn Head, 13' Platform
1 J.D. 55 Combine Earley Model $3500.00 Very Good Cond. Collector Item
1 J.D. 40 Combine 10' Platform $1000.00

Used Tractors

1 4230D J.D. 4 Post Sharp
1 2640D Very Clean
1 J.D. 60
2 J.D. A SOLD
1 J.D. B
Farmall H
Farmall M wide front
IH 460D
Ford 8N w/Loade SOLD
IH Cub w/5' Mower-Bla SOLD
IH Cub 185 Lo-Boy w/Mower

Hay Equipment

J.D. 1209 M-C
NH 469 Haybine Bad Rolles $600.00
NH 66 Baler
NH 68 Baler w/Thrower
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J.D. 35 Harvester
Gehl Harvester w/Corn Head
J.D. 110 12' Disc
Bush Hog 14' Disc
Bush Hog 18' Wing Fold Disc Rebuilt

New Equipment Special

Call For Price
8350 21 Disc Drill
15' Rotary Hoe
3940 Harvester
2 2 Row N Corn Heads
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4250 4WD Tractor

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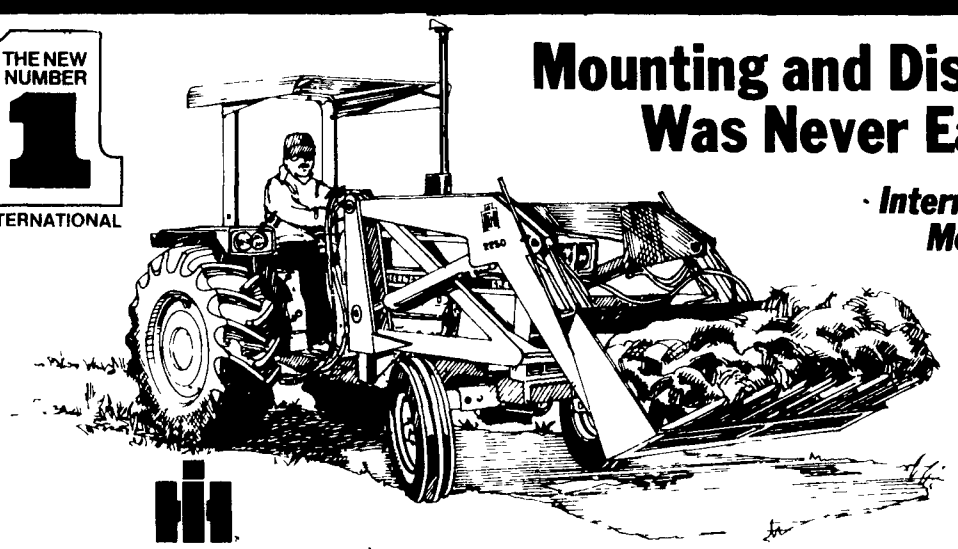
THE NEW NUMBER 1
INTERNATIONAL



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International® 2250 Mount-O-Matic Loader

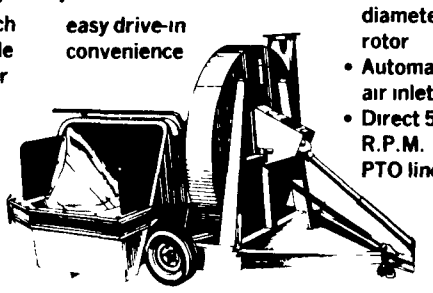
2250 Mount-O-Matic has a 10½-foot dump and is ideal for 40 to 80 horsepower tractors.

INTERNATIONAL HARVESTER

IH MODEL 600 FORAGE BLOWER

Capacity to match tall silos

- 30.5 inch extendable hopper for easy drive-in convenience
- 60" diameter rotor
- Automatic air inlet
- Direct 540 R.P.M. PTO line



- Wheels adjust for clearance, leveling and height

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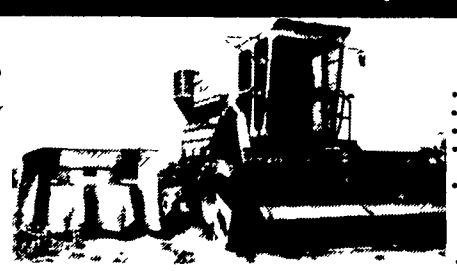
A GOOD SELECTION OF USED EQUIPMENT

HAY & FORAGE
- IH 56 Blower HD PTO
- AC Model K Combine w/Platform & 3 Row Corn Head Ex Cond
- NH 892 Harvester w/919 N3 Corn Head
- NH 479 Haybine
- NI 5 Reel Rake
- IH 650 Harvester w/Pickup & Corn Head
- (2) Dion Forage Box Wagons
- IH 1190 Mower Conditioner
- NH 2 Row Snapper Head
- Gehl 600 Harvester 2 Row & Pickup
- New Idea 1 Row Corn Picker (Nice)
- NH 880 Harvester w/2 Row Corn Head
- NH #8 Forage Box & 234 Wagon
- HD Big Bale Mover
- IH 60 Shredder 6 Row
- IH 50 Shredder 4 Row
- Owatonna 540 Stack Wagon Excellent Used less then 100 Loads
- Owatonna Stack Mower Excellent Used less than 100 Loads
- IH 225 SP Mower Conditioner
- NH 822 Corn Head
- NH 488 Haybine
- NH 315 Baler w/Thrower Excellent Like New
- AC 303 Baler

TRACTORS
- IH 340 Tractor Fast Hitch
- IH 5088 136 HP 300 hrs
- IH Cub Lo Boy



AC Gleaner K, 10' platform, 3R narrow cornhead, excellent cond.

MISCELLANEOUS
- Grain O-Vator Grain Cart
- Pequea Hay Tedder 9 ft Demo
- Little Giant 40 ft Elevator
- Herd Fertilizer Spreader & Seeder
- NH 352 Grinder Mixer

SKID LOADERS
- NH L425 Rental Unit
- NH L775 Diesel Deutz 50 HP

TILLAGE
- JD 350 6 Bottom Plow
- IH 440 Plow 4 Bottom 16 Demo
- IH 700 4 Bottom Auto Reset Plow
- Brillion 14 Ft Transport Harrow
- Glencoe 9 Shank Soil Saver w/New Disc
- Brillion 10 Ft Culti Packer
- IH 350 Disk Harrow 12 ft Nice
- JD 10 ft Rotary Hoe

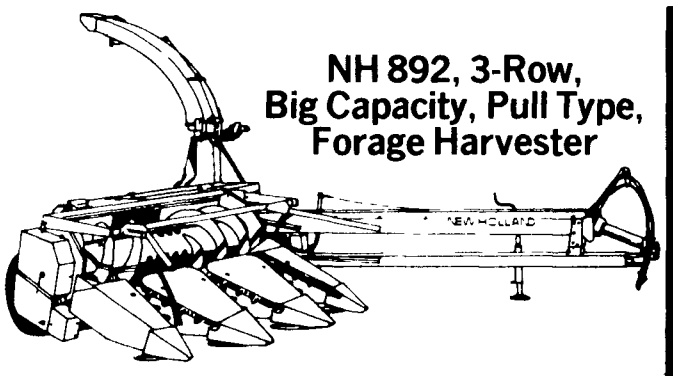
PLANTERS
- IH 400 Planter 6 or 4 Row
- White 4 Row Air Planter

SPREADERS
- NI 214 3 Beater Spreader
- NH 519 Spreader 2 Beaters Hyd Gate
- NH 516 Spreader
- NH 362 Tank Spreader
- NI 224 Spreader 2 Beaters 10 Ton

NEW HOLLAND

Messick's Invites You To . . . . .

"COME ON IN . . . WE'RE OFFERING GOOD DEALS ON NEW HOLLAND HAY & FORAGE EQUIPMENT"



NH 892, 3-Row, Big Capacity, Pull Type, Forage Harvester

- Exclusive under beveled knives
- Flip-up Feed Rolls

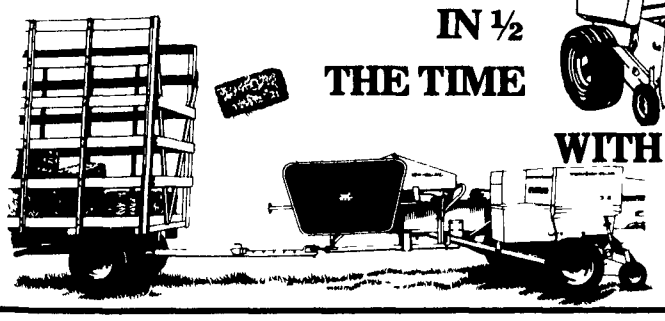
EXAMPLE:
NH 488 9 Ft. Mower - Conditioner w/Flotation Tires & Cutter Bar Wear Plate

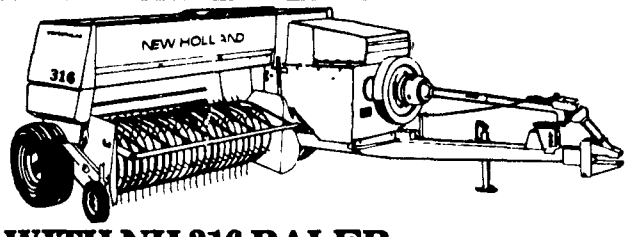
LESS THAN **$6,500.00**

A NEW GIANT:
New Holland 1900 Forage Harvester

- Cat Engine 250 H.P.
- 12 Knife 25½" Wide Cutter Head
- Metalert™
- Flip-up Feed Rolls w/Easy Shear Bar Adjustments

BALE AND LOAD IN ½ THE TIME

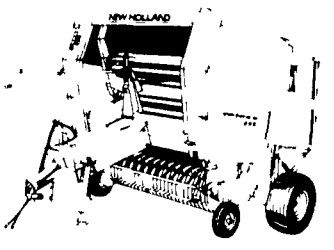




WITH NH 316 BALER AND 75 BALE THROWER

NH 855 ROUND BALER Auto Wrap

The Capacity Champ that turns out solid, well-shaped bales weighing up to 1700 lbs.



NEW PROGRAM:
WAIVER OF FINANCE on Hay & Forage Equipment
Till January 1, 1985

OR LOW RATE FINANCING on New & Used Equipment
- 3% Financing for 1 Yr
- 6% Financing for 18 Mos
- 9% Financing for 24 Mos.
- 10 9% Financing up to 60 months

OR BIG CASH REBATES

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RHEEMS EXIT — RT. 283, ELIZABETHTOWN, PA
PHONE: 717-367-1319, 653-8867
TOLL FREE IN PA. 1-800-222-3373
WARREN SPICKLER — HOME 653-4560
★ WE SHIP UPS

New IH 425 Baler, with #15 thrower,
$6,300
5088 Tractor, fully equipped,
$32,250
Neil S. Harrison, Inc.
R.D. 2 box 120
Orangeville, PA
17859
717-683-5586

New -
White 2 - 155 tractor, 140 hours, cab, air, duals, $34,000
Used -
Oliver 1850 diesel tractor $6,500
Oliver 1600 gas tractor $3,000
Oliver 66 gas tractor, $600
AC 185 diesel tractor, $6,500
MF 50, $2,000
Hesston 1010 hydro-swing haybine, $2,000
JD 790 tank spreader, $1,600
NH 512 spreader with top beater, $1,300
NH 273 baler with bale thrower, $3,500
JD rakes, $500 each
NH 770 harvester with electric controls and 2 heads, $4,000
NH 770 harvester with 2 heads, $3,500
NH 717 harvester with 2 heads, $2,000
JD #6 forage harvester, $500
JD flail chopper, $500
4 bottom Ford plow, $600
NI 1 row 323 picker, $3,500
Potato sprayer, best offer
FARNSWORTH FARM SUPPLY
717-584-2106

NH TD 100
Disc Harrow
13' Cut
Demonstrator
$4,300

(1) 275 Baler w/Thrower

(1) 1830 Skid Loader, Excel. Cond. w/Grapple Hook

(1) 7' 477 NH Haybine

(1) 1737 Skid Loader, Excel. Cond.

1976 Case DB990 Tractor Good Shape

NH 78 Baler, Real Nice

Used NH TR70 Combine, Fully Equipped w/13' Grain Head, 6 RN Cornhead $23,000

NH 679 Manure Spreader With Top Beater - Real Good

NH 273 Baler w/ Thrower, Good Shape

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FARM EQUIPMENT

FARM EQUIPMENT

USED EQUIPMENT

TRACTORS

IH 1066	$10,500
IH 656 D, Engine Overhauled	Special Price
JD 4440 w/SG, 500 hrs.	$30,000
JD 4020 w/PS, WF	$12,900
IH M Diesel	$ 1,200
JD A	$ 1,100
IH 1486 w/Duals	$19,500
IH 706 Gas, Excellent	$ 6,000

COMBINES

82 JD Sidehill w/15' Flex Head	$69,000
MF 300 w/Heads	Coming In
78 MF 750 w/Heads	$28,000
JD 105 w/Heads	
78 JD Sidehill	$40,000
68 JD 45	$ 5,000
White 8900 w/Heads	$29,000

PLANTERS

JD 6 Row Consv. w/Liquid Fert.	$ 9,000
JD 4R MAX-EMERGE	$ 4,500
JD 1240 Plateless	$ 1,500
AC 6 Row #333 w/Notill Coulters	$ 6,500
Brillion 10' Roller Harrow	$ 1,100

TILLAGE

Ford Field Cultivator	$ 1,750
Pittsburg 12' 3 pt. Harrow	$ 590

HARVESTING

IH 720 Harvester w/2 Heads	Coming In
NH Super 717 Harvester	
JD 3800 Harvester w/3 heads	$ 5,500
JD 1209 Mower/Conditioner	$ 3,500

TOBIAS EQUIPMENT CO., INC.
Halifax, PA 17032
Phone: 717-362-3132

Sweigard Brothers

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FORD TRACTORS
New TW 20 w/cab, 4WD, air
New 7710 w/Sycro. Trans.
New 6600
New 1510 w/Ag Tire
Used 140 5B 16" Auto Reset Plow. Ex. Cond.

NEW HOLLAND
New TR70 Combine w/cab, air, heater, w/cat. engine and lots of extras
13' flotation header and cutter bar, w/hume reel
New Harvesters - 707, 718, 782
New L35 gas, L325 gas skid loaders
New 358 Grinder Mixer
New 367 Tank Type Manure Spreader
Used 975 Combine w/11' head
Used 718 Harvester w/2 heads

NEW IDEA
NI 406 rake
NI 323 one row corn pickers
NI 3 pt. Hitch Fertz. Spreader

New Glencoe 12'9" Finishing Harrow
Glencoe Soil Saver Stretch 7 Shank
Glencoe Soil Saver 5 Shank
Amco Heavy Duty 12' Disc Harrow
Used IH 550 Harvester w/Windrow PU & 2R Corn Head

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ALLIS-CHALMERS · KUBOTA · JCB · Bullion · bobcat · SPERRY NEW HOLLAND

TRACTORS
AC 7060 PS
AC 7040
AC 7030
AC 50 SOLD Loader
AC 6060 w/loader, 4 wheel
AC 190
AC WC
Case 970
Case 930
Case D
JD B
IH 656H
David Brown 1212
Case 2390
Kubota B8200
Ford 9 N w/Loader

COMBINES
AC CII w/2 Hds.
AC F330 Corn Hd.
AC G440 Corn Hd.
NH TR70 w/960 & 962W4
NH TR70 w/13' Flex Hd. & 962N6
NH 970 Gr. Hd.

LAWN & GARDEN
AC B-10
AC B 208
Simplicity 728
Jacobsen GT-10
AC HB 212
AC 808
Ford Riding

SPREADERS
Badger 230 Tank Liquid
Badger 325 Tank w/pump
NH 365 Tank flail
NH 791 Box
Lely fertz

BALERS
JD w/thrower
IH 430
MF 12 w/thrower
Hesston 4600
NH 845 Round
NH 276 w/thrower
NH 278 w/58 Thrower
NH 268
NH 846 Round
Ford Baler

LOADERS
JD 2010 Crawler Dozer
(2) NH 425
NH 445 w/Deutz Diesel
NH L775

PLANTERS
AC 600 4R
AC 7R Bean
AC 6 row w/Bean Units

MOWERS
(1) NH 462 Disc
JD 3 pt.
JD Side Mt
Bushhog Batwing
Bushhog 7' 3 pt.
JD 25A Flail
Woods RM48
IH Mower
Bushhog 10'

WAGONS
(3) NH #8 Crop
Hesston 30A Stacker
NH 1010 Bale

MISCELLANEOUS
Hesston 10 Stacker w/Mower
AC 5 Btm 18" Plow
NI 324 Super Sheller
Brillion STS10 Transp. Harrow
NH Straw Chopper
Brillion 10 ft. Cultipacker
Lely Rotara
Badger Elevator
Kubota 1102 Engine
Kubota EA600NB Engine
BerVac S-60 Snowblower
NH 358 Grinder Mixer
Moore Grain Drill No til
NH 85 Bale Handler round
Wisconsin TFD Engine
Badger Blower

FORAGE EQUIPMENT
FQ SD7655 w/4R Corn & 4R snapper
FQ 7600 w/R W, 4R N & WPU
Hesston FA-7 Hd
NH 822 C Hd
NH 770R2
NH 919 A4
NH 890 EN2
NH 890N3
NH 880R2
NH 1895 3RN & WPU

MOWER CONDITIONERS
(2) NH 1495 SP
Case 955 Windrower
Hesston 1014 Windrower Hydro S.
Hesston 620 Windrower S.P.
NH 495
NH 479
NH 489
IH 990
NI 279
Cunningham

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Going on all USED EQUIPMENT -- Come in and pick out your used combine or tractor and we'll custom design your own finance program.

COMBINES
Gleaner L2 w/cab, air/heat, 15' grain & 630 corn heads, low hrs.
Gleaner M2 w/cab, air/heat, 15' grain & 4-row corn heads, low hrs.
Gleaner MKS w/13' grain & 630 corn heads.
Gleaner F2 Diesel w/cab, air, 13' grain & 438 corn heads.
Gleaner KKS w/cab, 10' grain & 238 corn heads, excellent!
Gleaner CII w/13' grain & 438 corn heads.
Gleaner AII w/cab & both heads.
Gleaner AII w/12' grain head
Gleaner E w/cab & both heads
JD 55 Special w/cab, 12' grain & 330 corn heads.
JD 55 w/12' Grain & 338 corn heads.
JD 45 w/both heads
JD 45 w/grain head
MF 300 w/11' grain & 238 corn heads.
IH 315 w/cab, grain & corn hds.
NH 975 w/11' grain & 238 corn heads.
NI Uni-System 702 w/717 combine, 4-row corn head.
NI 767 Chopper w/702, 2-row corn head & 761 Pick Up

BALERS
NH 315 w/thrower, like new
NH 271 PTO w/chute
NH 271, wire tie, PTO
(2) IH 440, w/thrower PTO
MF 10, w/thrower, PTO
JD w/thrower
AC 443 w/chute, PTO
NH 23 Blower, PTO
NH 26 Blower, PTO
NH 30 Blower, PTO
AC 63 Blower, PTO

HAYBINES
NH 489, 9'
NH 460
JD 9' Mower Conditioner
MF 81 9' Conditioner
(2) AC 904 9' Mower Conditioner
Hesston PT 10 9' Conditioner
Hesston 9' Hydro Spring

MANURE SPREADERS
NH 676, 325 BU.
NH 516, 175 BU., 3 beater
NH 510, 160 BU.
NH 213, 140 BU.
(2) NI 218, 265 BU.
(2) NI 214, 206 BU
NI 213, 170 BU.
Farmhand M165, 125 BU
NH 365 Tank
(2) Hawk Bilt 207 Tank

TRACTORS
AC 7040 PS, w/cab
AC 7020 PS, w/cab
AC 185 D w/cab, excel.
AC WD45
AC WD
Long 610 D, only 600 hrs
IH 460 D
Farmall 400
MF 135
MM G1000 D
JD 4010 D w/PS
JD 4010
JD 3010 D
JD 730 Wide front end, 3 pt
JD 60
JD B

TILLAGE
AC 2300 Disc Harrow-15' Fold up
JD 13' Transport Disc
IH 13' Transport Disc
Oliver 6B Spring Trip Plow
AC 80 Series 4B Mtd., 3 pt. Plow
Brady 10 Tooth Chisel Plow, w/gauge wheels, like new!
Vicon 14' Power Harrow, demo!

GRINDER/MIXERS
NH 352, 80 BU., PTO, EX!
NH 352, 80 BU., PTO, GOOD!
NH 351, 100 BU., PTO

NEW NEW IDEA EQUIPMENT SPECIALS!
PRICE IS TOO LOW TO PRINT ON . . . .

1 - NI Uni 802 cab, air, 767 Chopper, 768 3-row corn head, 766 Pick up - PRICED TO MOVE!!!!!!
2 - NI 323 1-row Corn picker - CLOSE OUT at DEALER INVOICE!!!!!!

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Badger — OMC — AVCO NEW IDEA

USED TRACTORS

IH 786 w/700 hrs
IH 454 w/1100 hrs
IH 826 Hydro
IH F 656 D (Overhauled)
IH F 706 G (Overhauled)
IH F 656 G w/Cab (Overhauled)
IH F 656 G Gear
IH F 340
IH 154 w/Mower
IH I 504 w/NI Loader
IH Super C
IH Super A w/Cults
IH H
IH M
IH Farmall B
IH F 450
IH F 560 D
IH Cub w/Cult
MF 35 D w/Loader
JD 620
JD 4620
JD 2010 G

BALERS
IH 47 w/Thrower
OMC 540 Stacker
OMC 540 M Mover
Hesston 10 Stacker
Hesston 10 Mover

BLOWERS
IH 56
NH 27
Fox 656
Fox 660
Fox 44 Table
Hussler 56
JD 66
Gehl 99
AC 48
Dion 56
Kook KB 60

COMBINES
IH 1460 700 hrs
IH 303 w/Cab
IH 715 w/Cab
IH 205

CULTIVATORS
IH 4 R Mtd 560
Case 2 R Mtd SC
Oliver Rotary Hoe 3 pt

ELEVATORS
Zimmerman 32'
Zimmerman 40'
Mulky 32'

GRINDER MIXERS
IH 1250 w/Scales
IH 1150 w/Scales

HARROWS
IH 47 Disc 13'
Athens 13' Disc
Bush Hog 11' Disc
Perry 12'
JD 12'
JD WRA 13' Disc
Miller 10' Offset Disc
Nemyer 3 pt Harrow Tiller

WINDROWERS
NI 279 9'
AC 904 9'
Gehl 108 9'
IH 2 A Crusher
IH 5000 w/Cab

GRAIN DRILLS
JD FBB 13x7
Tie No-Til

LOADERS
IH 2350
IH 2050 A
NI 502
NI 504
NI 506
Kwik Way (IH 284)
IH 3300 B-Skid
Hydro Mac 10 Skid

MOWERS
IH 2 pt Sycle
IH Super A rear Mtd
JD 5 Sycle
MF Dyno Balanced
NH 46 Sycle

PICKERS
NI 324 2 RW
NI 323 1 Row
NI 330 3 RN
IH 234 Mtd
NI 314 Sheller

PLANTERS
IH 400 4 Row
IH 56 4 Row
IH 56 2 Row
Ferguson 2 RW 3 pt
JD 7000 6 Row

PLOWS
IH 710 4x16
IH 720 5x20
IH 450 3x16
Oliver 565 4x16
Oliver 3x14
IH 209 2x14
JD 345 4x16

SPRAYERS
Demco 500 gal
Johnson 300 gal
Century 300 gal
Oliver 200 gal

WAGONS
IH 105 16' Forage
Gehl 912 16' Forage
AC 16' Forage
Grove 14+16' Forage
JD 115 16' Forage
16' Bale Wagon
Butler 1830 Feeder Wagon
Vandal 180 Mixer Wagon

FORAGE HARVESTERS
Gehl 600 2RN+P
Fox 2200 2RN+2RW
JD 38 2 RW
IH 550 2 RWN+P
IH 555 2 RW+P
Fox 1000 2 RW+P
Fox 546 2 RW+P
Fox 249 Snapper Head

BARN EQUIPMENT
Badger Barn Cleaner
Badger 24' Silo Unloader
Silo matic 24' Silo Unloader
Silo matic 14' Silo Unloader

MANURE SPREADERS
NI 218 Hawk Built 357
NI 224 Clay 1500 Liq
NI 213 Martin Scavenger 1666
NI 212 Badger 200
NH 790

UNI EQUIPMENT
708 Hydro
702 D Gear
767 Super Chopper
768 3 RWN Head
731 4 RW Head
744 N 4 RN Head
844 W 4 RW Head
770 Adapter
818 Combine
729 A Sheller

RAKES
NH 57 R 3 pt
Vicon Turner
Darf Whl Rake
JD Whl Rake
Tonutti Whl Rake
Farmhand Windrower Turner

COMING IN . . .
Brillion 60' Feeder
IH 56 Corn Planter
Bearcat Flail Chopper
Katolite 1800 Watts Alt
IH 222 Mower, Like New
Case 555 9' Windrower
8 Ton Wagon Chassis

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JD 4630 Tractor
JD 4440 SGB
JD 4430 Tractor w/roll guard
JD 4020 Side Console, WF
JD 4010 w/WF
JD 2640 Tractor
JD 2840 Tractor w/year round cab
JD 850 Trac.
MF 65
Oliver 1950 Tractor
JD 7000 6R Consv. Planter w/Liquid Fert.
JD 1240 4R Plateless Corn Planter
NI 325 2R Picker Sheller
NI 323 1 Row Corn Picker
JD 3800 Chopper w/2R corn head
JD 24T Baler w/ejector
JD 110 Disc
JD B Plane 15 Disc Grain Drill
NH Self-propelled Windrower
JD Kilafor offset Disc
Taylorway offset Disc
JD FB Grain Drill
John Blue 400 gal. Applicator
John Blue 1000 gal. Nurse Tank
JD 4400 Combine w/Platform & C.H.
Used JD 6600 Sidehill combine w/platform & 643 corn head
JD 7700 Combine
JD 7700 Combine w/643 Corn Head & Platform
Gleaner A Combine
JD 244 Corn Head
NI 279 Cut/ditioner
JD 10' Pull Type Chisel Plow
JD 1450 4B Plow
JD F145 5B Plow
IH 5B Plow
IH 6B Plow
JD 2 Bottom Plow
NH Rake
Used Hay Wagon

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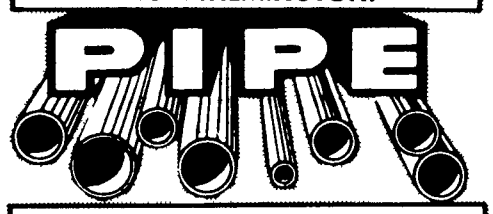

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Waiver of Interest till January 1, 1985

- '73 JD 7700, hydrostatic drive, turbo, 16' platform
- '75 JD 7700 - Rotary Screen, 16' Platform
- '80 JD 7720 4 wheel drive, 220 flex cutterbar, 1450 hrs.
- '81 JD 7720 4 wheel drive, 220 flex cutterbar, 870 hrs.
- '81 JD 8820 4 wheel drive, factory duals, 1100 hrs., with 220 flex cutter bar and 1243 corn head. Excellent Shape
- '74 JD 6600 gear drive w/15' cutter bar
- '79 JD 7720 4 WD 1400 hrs. 220 flex cutter bar
- '76 JD 6600 hydrostatic drive w/216 flex cutter bar, 2000 hrs.
- '69 Allis Chalmers Model G Gleaner, 15 ft. cutter bar, 4 row corn head

CORN HEADS

Good Selection of John Deere
443-444-643-644-843-1243 Cornheads

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- '77 JD 8430 w/dual 20.8x34 tires, 3 pt. hitch, PTO, 3 outlets
- '69 Oliver 1850
- '77 JD 4630 cab, air, heat, dual 20.8x38 tires, 2135 hrs.
- '79 Steiger ST 210 Series 3, 4WD with dual 18.4x34 tires, 3 pt. hitch, 1336 hrs. Reduced to $28,500.

CORN PLANTERS

- JD 7000 630 conservation planter w/no till coulters, dry fertilizer, auger fill monitor, insect. attachment

USED PLOWS

- JD F145-5-16 Semi Plow w/Harrow attachment

JD 125 Skid loader, diesel engine, utility bucket
List $18,900 Special Price $13,850

MISCELLANEOUS EQUIP.

- JD 210 14' disc harrow
- 1 Brillion 23' folding packer, crow foot wheels
- Graber 26' flex pull-type chisel plow
- 1 Brillion 4 row cultivator w/heavy spring shanks
- JD 653 row crop bean head, like new
- Bish head adapter to install JD corn head on NH TR70 combine
- JD 38 Harvester w/2 RW Head
- Tye drill 24 tine, double disc opener, 3 pt. hitch
- (1) Brillion 15½ ft. field cultivator w/Midwest Harrow
- John Blue 300 gal. trailer sprayer w/hydraulic pump

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- Swivel reel turntable on most units.
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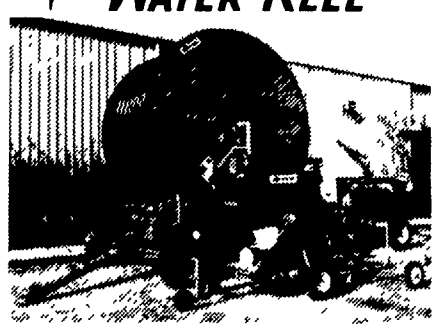
AG-RAIN WATER-REEL



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Model 574
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SPERRY NEW HOLLAND

TRACTORS
Farmall H
JD MT w/Plows, Cultivators & Planters
JD 4400 Combine, 13' Grain Head, 4 Wheel Wide Corn Head
Ford 8000
Ford 4000 SU Tractor
Ford 5000 w/Gas
(1) Ford 555 14' Tractor/ Loader/ Backhoe
Ford 750, 550, Tractor/ Loader/ Backhoe Cab
Ford NAA w/Loader
AC D17 Tricycle
900 5 Speed Gas
AC 5040
4000 SOS
6600 w/Cab
6600 w/Factory Cab
7710 1 yr. old, 400 hrs.

New 7600 2WD

EQUIPMENT
(1) NH 328 Spreader
(2) NH 518 Spreaders
IH 830 Fg. Harvester, Corn & Hay Heads
NH 320, 273 Balers w/Throwers
IH #27 Baler w/#10 Thrower
IH 440 Baler w/Thrower
IH 203 Combine w/Grain Head
Bearcat #72 Flail Chopper
(2) Ford 9 tooth Soil Saver
Lawn & Garden Tractors w/Mowers & Snow Blowers

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SPECIALS
MF 1135 w/Cab & Air

USED TRACTORS
JD 4010
JD 3020
MF 1135 w/cab & air
Ford 9N
Farmall A

NEW TRACTORS
JD 4250 SG, PS, MFWD
JD 4250 4 Post, PS
JD 2950
JD 2950, SG
JD 2950 MFWD
JD 2750
JD 2350 MFWD
JD 650
JD 300B Loader & Backhoe

USED CORNPLANTERS
IH 56 4 row
JD 7000 6RN w/min. till attach.
White 5400 6RN No-Till & Plateless

USED HAY & FORAGE EQUIPMENT
JD SP 5720 Fg. Harvester, 295 hrs. 3 heads (Repossessed)
JD 5440 SP Fg. Harvester, 4 WD, 1180 hrs.
JD 1209
JD 2 Row Narrow Corn Heads
NH 2 Row W 880 Head
NH 278 & 269 Baler w/Thrower
JD 24T Baler w/Thrower
Fox 2000 Harvester w/heads
JD 336 Baler
NH 26 Blower
JD Rake

USED MISCELLANEOUS
200 Gal. Sprayer
Post Hole Digger

NEW SPREADERS
JD 780 & 450
NH 519, 679, 791
Martin S1466 Scavenger
Martin Equalizer
H&S 295 Spreaders

NEW HAY & FORAGE EQUIPMENT
NH 782, 892, 892 w/metal Alert Fg. Harvester
JD 5720 SP Fg. Harvester w/Iron Guard
JD 3960 & 3950 Fg. Harvester
JD 347 Balers
JD 430 & 530 Balers
NH 849 Round Baler
NH 489, 495, & 499 Haybines
NH 256 Rake
JD 660 Rake
H&S Fg. Wagon
H&S Bale Wagon
Kuhn Hay Tedders & Rakes
Kuhn 10' Disc Mower/Cond.

NEW PLANTERS
JD 7000 4 & 6 Row Consv.

NEW DRILLS
JD 8250 14x7
JD 8300 18x7

NEW TILLAGE
JD 950 Roller Harrow
JD 2600 4B Plow
Haybuster No-Til Drill Also for Rent

NEW SKID STEER LOADERS
NH 445, 555
Bobcat 643, 743, 843

NEW MISCELLANEOUS
Demco Sprayer 600 gal.
JD #27 Flail Shredder

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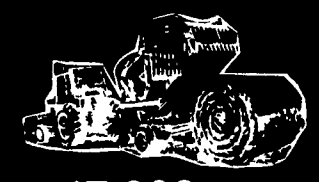

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Papec Forage Blower	$650
IH 56 Forage Blower, New Ring	$1,575
AC Forage Blower	$400
500 Gal Walsh Trailer Boom Sprayer	$1,000
NH 880 Harvester w/Corn Head	$3,000
IH 530 Manure Spreader 145 Bu	$1,500
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AC 7045D	AC XT190D	AC 5040D	MF 65G
AC 7050D	AC 180D	AC 5050D	Case 1490
AC 7020D	AC 175D	IH 806	JD 450 Crawler
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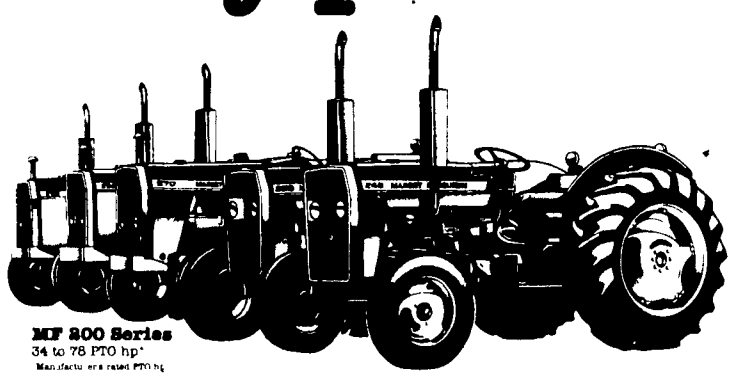

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34 to 78 PTO hp*
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- New MF 274 55 HP Diesel 12 speed Trans. live PTO 4 wheel drive dual aux. hyd.
- New MF 670 55 HP Diesel 4 wheel drive cab with air and heater Ind. PTO dual hyd. outlets
- New MF 298 78 HP diesel 12 speed M.P. Trans. 18.4x34 rear tires aux. hyd. and Ind. PTO
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- New MF 3525 105 HP 2 wheel drive cab with air and heater 16 speed M.P. Trans.
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- Used MF 30 B 45 HP Industrial Tractor with loader instant reverse Trans with or without cab

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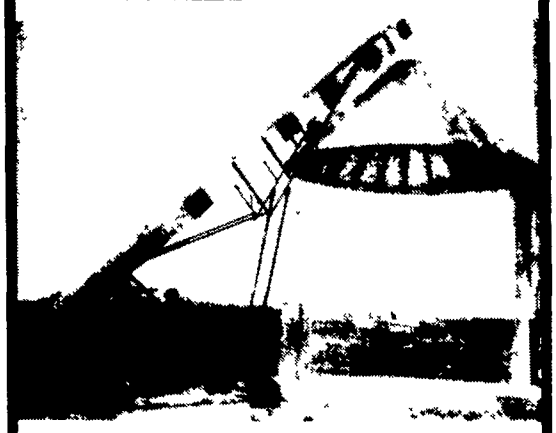

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JD 494-A, 4x38,	$1,400
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Axles	2
Brake Axles	2
Hitch	2⅝ Ball
Deck Width	76
Deck Height	19
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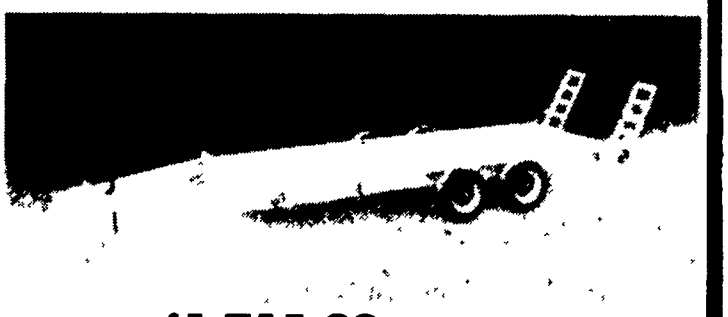
Deck Material	Oil treated 2 pine
Tires	7 00x14 5
Weight	1623#
Capacity	8000 lbs
Color	Yellow



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TT 14

Axles	2
Brake Axles	2
Hitch	2⅝ Ball
Deck Width	76"
Deck Height	19
Deck Length	14
Deck Material	Oil treated 2 pine
Tires	7 00x14 5
Weight	1500#
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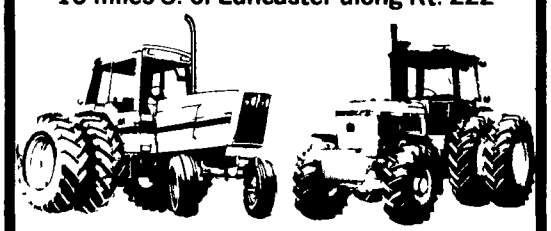

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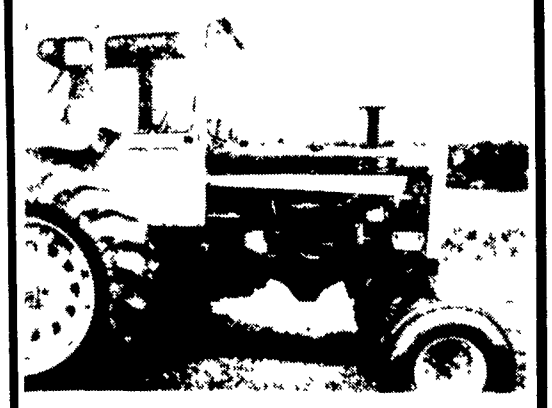

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MF 1135 w/duals, cab & air
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Why wait, come try the incredible **Sasquatch 340** today. It seats two, so bring a friend and test ride the most powerful 3-wheeler on the market.

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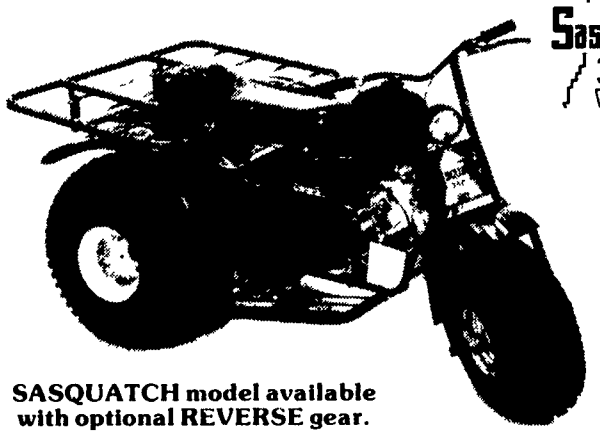

SASQUATCH model available with optional REVERSE gear.

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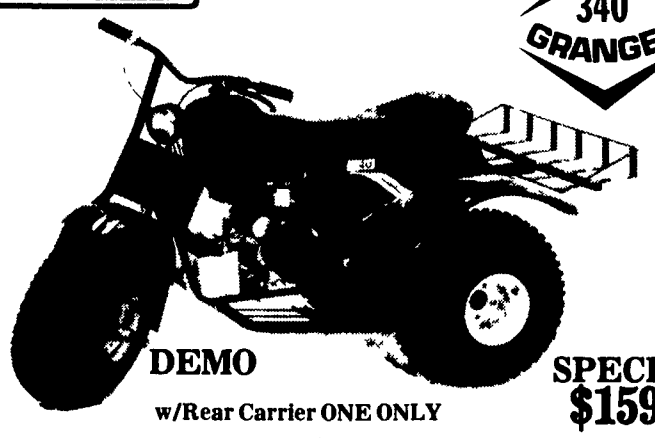
340 GRANGER



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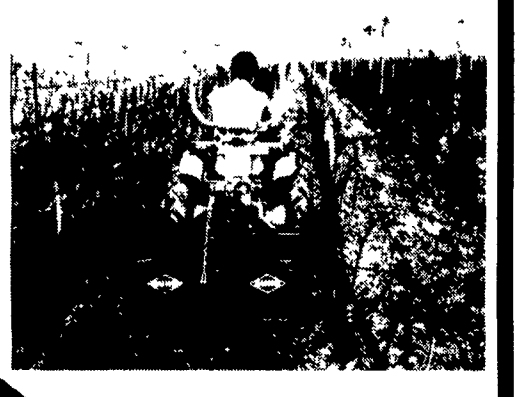

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- Adjustable To Offset 7"
- Oil Bath Bevel Gears Side Driven, No Chains To Maintain

If It's Quality You Want, Here It Is!

Model			Sale Price
35/92	36"	List $1375	$1067.00
35/105	40"	List $1425	$1089.00
35/117	44"	List $1475	$1135.00
35/130	50"	List $1525	$1150.00
60/180	70"	List $2325	$1713.00

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133 Rothsville Station Rd. Lititz, PA 17543
Located ½ Mile North of Rothsville
PH: 717-626-4705
Hours Mon.-Fri. 7 AM - 5 PM; Sat. 7 AM - 11:30; Sun. Closed - Lord's Day

USED TRACTORS

JD 350 Dozer, New Clutch, F&R Shifter Recently Overhauled
Oliver 1850 Perkins Motor, WF, Live PTO, Dual Hydraulics
Oliver 1750 WF, Live PTO, Dual Outlets
Farmall Super M w/2 Row Mounter Picker
JD Diesel Skid Steer Loader

CARL W. KENSINGER FARM MACHINERY
RD 2 Box 522A
Duncansville, Pa. 16635
814/696-0868
South of Altoona on Rt. 220
or 25 Miles North of Bedford T/P Exit

SUPER SPECIAL OF THE WEEK
AC 5020 21 HP DIESEL CALL FOR OUR SUPER PRICE

New AC 6080 2WD w/Rops
Model 6140, 6060, 6080, 8010, 8030
F.K.S. 2 Combine

USED EQUIPMENT

Model 7020, PS tractor
7060 PS with cab
Mott 6' flail mower
Wilbeck 7 shank chisel plow
NI model 318, 240 corn picker
Swartz model 750 mix wagon
IH 1300, 7', 3 pt. hitch mower, new condition
AC 4 bottom SC plow
Used E-3 330 corn head, excellent condition

B. EQUIP. INC.
8422 Wayne Highway
Waynesboro, Pa. 17268
717-762-3193

SPECIALS
S.G. LEWIS AND SON, INC.
352 N. Jennersville Rd., West Grove, Pa.
215-869-2214 or 215-869-9440

SPECIALS ON NEW SPERRY NEW HOLLAND EQUIPMENT - 2-YEAR WARRANTIES

NH 791 Spreader w/Splash Guard, Endgate, Fine Manure Pan	$6,650
NH 472 Haybine	$6,500
NH 892 Harvester w/Metal Alert	
NH 824 Corn Head	
NH 880W WD Pick Up	$15,825
NH 320 Baler w/Hydro Formatic	
NH 70 Thrower	$9,825
NH 38 Crop Chopper	$3,975
NH #8 Crop Carrier w/Wagon Box, Cover Extension Sides, Third Beater Attachment	$7,050
NH 238 Wagon	$2,050

GEHL® SPECIALS

THIS NEW EQUIPMENT MUST GO!!

	CASH PRICE SPECIALS
• CB 750 Gehl Harvester, 1000 PTO w/Hydraulic Spout Control Hydraulic Lift Cylinder, & 2 Row Narrow Head. Ready to Go	$11,110
• CB 1000 Forage Harvester, 2 Row Narrow Head, Tandem Axle For Less Wear & Tear! S/N 1875	$13,630
• BU 640 Forage Box (Wood Sides), 2 Beaters, No Roof, 4x16 S/N 3439	$3,270
• BU 640 Forage Box (Wood Sides) 3 Beaters & Roof, 6x14 S/N 3434	$3,743
• TR 330 3 Row Corn Head, S/N 1925	$5,930
• (2) G1056 12 Ton Tandem Gear w/Extendable Quick Hitch, No Tires S/N 8851 & 8852	$1,428
• BU 640 Forage Box (Wood Sides), 2 Beaters, No Roof, Rubber Trough Extension, 4x14 Long, S/N 3423	$2,989
• BU 640 Forage Box, 6x16 Long, Roof, 3 Beaters, S/N 3518	$3,960
• BU 960 Forage Box, 6x16 Long, 3 Beaters (Wood Sides), Roof, S/N 33121	$5,108
• New Demonstrator Gehl Model 1080 Disk Mower Conditioner, Approx. 8 Ft. Cutting Width, S/N 2447	$7,940
• (4) Sections 9"x8' Long Pipe	$49 ea.
• New Gehl Model 2130, 7'3" Cut, Knock Down - Not Setup	$5,983
• Gehl Model 1540 Forage Blower, 540 PTO, S/N 20280	$2,781
• Gehl Model 1580 Forage Blower, 540 PTO, S/N 5241	$3,225
• Gehl Model 1580 Blower, 1000 RPM PTO, S/N 5204	$3,203

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SPECIAL SALE ON

New Hi-Quality Rotary Mowers

4 Foot Bushog SQ48R 3 Pt. Hitch Only	$395.00
5 Foot 3 Pt. Rhino Model SE5 With Stump Jumper Blade Holder, 1 Year Warranty, Single Tail Wheel	Only $495.00
Bushog 6 Foot 3 Pt. SQ72R	Only $695.00
Bushog 7 Foot 3 Pt. 257R Heavy Duty	$1,431.00
Bushog 8 Foot 3 Pt. With Double Tail Wheel	$1,680.00

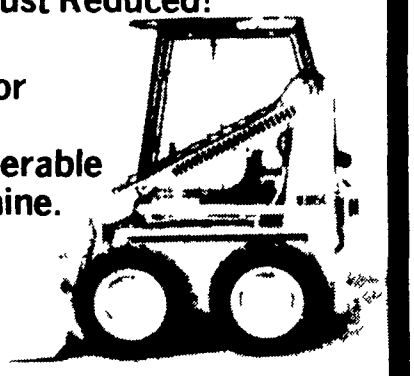
All These Units In Stock - Limited Quantity

SPECIAL DEMO
NEW CASE 1816C UNILOADER

Price Just Reduced!

One Only

Consider The Labor Savings With This Versatile, Maneuverable Time-Saving Machine.



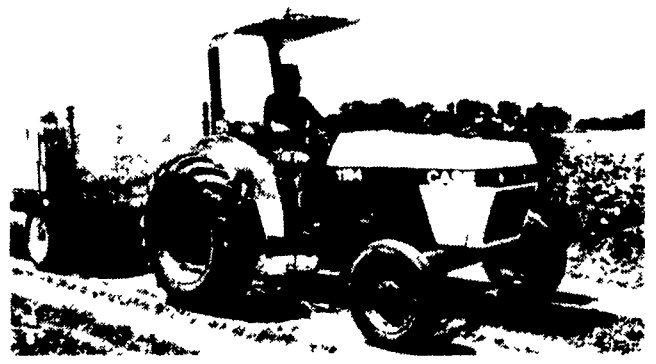
- Accomodates The Closest Of Quarters
- Lifts Half A Ton
- Numerous Options Available
- Equipped w/27x 8.50x15 Non-Directional Tires, 44" Material Bucket

Serial #9860776 Reg. List Price $9,040

SPECIAL PRICE $5,951

Offer Void After July 31, 1984

BRAND NEW 43 HP DIESEL MODEL 1194



ONE ONLY - Serial #11038404

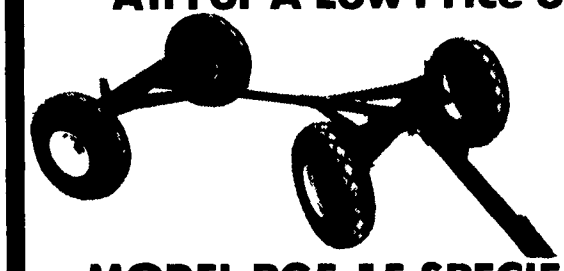
- Independent PTO
- ROPS Optional

Offer Ends July 31, 1984

CASH PRICE ONLY $9,900

Hey... Looking For A

HEAVY DUTY 30,000 Lb. Capacity Wagon w/Hydraulic Surge Brake on 12.5x16 14 Ply Tires w/80" Tread Width And A Towing Hitch All For A Low Price of $2050.00



Tires in prices are not diamond tread.

MODEL RGE-15 SPECIFICATIONS

Rated Capacity	30,000 lbs
Tread Width	80 inches
Wheelbase (adj every 6")	96-144 inches
Front Spindles	2½-inch bent
Rear Spindles	2½-inch straight
Hubs	8-bolt
Axles	7 inch I-beam
Hounds (channel type)	3/16-inch formed steel
Reach Pole	94x3 3/8 inches OD
Bolsters	42-Inch
Steering	Heavy duty truck type
Brakes	Std 2W rear
Tongue	Extendable (spring counterbalanced)
Height (to bolster top-approx)	28 inches
Ground Clearance (approx)	15 inches
Weight (less wheels & tires)	1160 lbs

Remember You Get All This For Only... **$2,050.00**

CASE ONE ONLY MODEL 90 LOADER

SPECIAL OFFER... ONE ONLY BRAND NEW CASE 90 SERIES LOADER

Designed for 100 HP tractors and over, with mounting bracket & 96" wide material bucket.

SPECIAL OFFER ONLY $3,985

Also

Special Offer Farmers & Dealers!

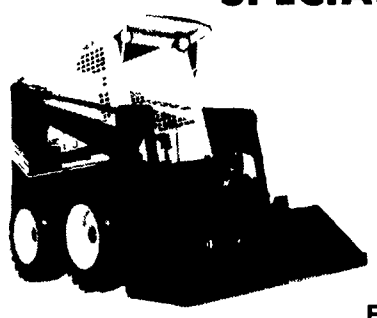
We have in stock over 40 brand new Farm Loader Buckets to fit IH 2000 Series and almost all Case Loaders, such as Models 60 - 65 - 70 - 56 - 74L - 75 - 80 - 85 - 90 Series Loaders. Also adaptable to other brands.

SIZES INCLUDE: 60", 66"

YOUR CHOICE

$221.00 EACH/

SPECIAL - BRAND NEW DIESEL POWER!



ONE ONLY
Serial #3463

New World Class Leader

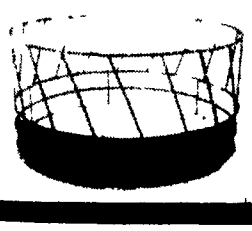
GEHL 4610 DIESEL One Only Serial #3123

New 4610 Diesel Features:

Easy service tilt cab, side console controls, low operating height, 44 HP Perkins Diesel water-cooled engine, 10 00x 16 5 tires, large 65" wide material bucket Waiver of Finance.

Factory List Price w/Freight	$18,611.37
Our Regular Price	$15,516 00
YOUR SPECIAL SALE PRICE ONLY	$14,800.00

SPECIAL OFFER
ROUND BALE FEEDERS W/LOWER FEED SAVER PANEL



8" Dia. x 42" High w/15" Feed Saver Panel

SALE PRICE ONLY .. $98.50

CASE ECONOMICAL 3 PT. HITCH ROUND BALE CARRIER

w/50" Long Prongs And 2 Ft. Upper Spike

$289

Also Available For Skid Loaders.. $489

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USED EQUIPMENT

MF 1200 Lawn & Garden Tractor w/Mower
Farmall 966 Tractor, Cab Air, Duals
Farmall Super MTA
Ford 118 4 Bottom Plow 4x16
Ford 9600 Tractor
Ford CL40 Skid Loader
IH 56 4R Planter
Amco Terrace Disk
Ford #101 3 x 14 Plow (Excell)
MF 3B 14" Mtd Plow
NI 109 Fertz Spreader
Noble 25' Field Cultivator
Hesston 1014 Windrower
MM 3496 Combine, Cab, 2R Head, 12' Grain Head
White 8600 Combine, Dsl Hydro, Air
Ford 6000 Diesel
NI 709 Uni 4WD w/838 Husk Unit
1068 Haybuster No-Till Drill (Demo)
Fox 728 2R Corn Head
Ford 1 Row Mtd Picker
Better Bilt 1100 Gal Liquid Spreader
1 Row 3 Pt Holland Transplanter

STANLEY'S FARM SERVICE
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TIRED OF BEING OVERCHARGED?

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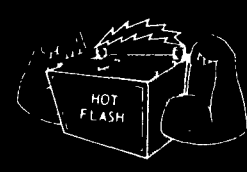

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Group 1 6 Volt **$31.95** Exch.

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As Low As **$29.95** Exch.

We Specialize In "Hard to Find" Implement Batteries

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NEW TRACTORS

JD 650 4WD
JD 2350
JD 2640
JD 2750
JD 2950 MFWD
JD 2950 MFWD & Cab
JD 4050 RG, PS
JD 4250 Cab, PS

NEW EQUIPMENT

JD 1219 Mower Cond.
JD 712 Mulch Tiller, 11 ft. 3 in.
JD 1610 Chisel Plow, 8 or 10 ft.
JD 950 Roller Harrow, 12 ft.
JD 1250, 4-18" Plow
JD 415 Rotary Hoe
JD 327 Baler w/30 Ejector
JD 430 Round Baler
JD 450 Hydra-Push Spreader
JD 240 Loader w/73" Bucket
JD 66 Forage Blower
JD 716A Forage Box
JD 506 Rotary Cutter
JD 5½ & 7 ft. Hay Pick-up

USED EQUIPMENT

JD 100 Stacker
JD 100 Stack Mover
JD 430 Tractor
JD 24T Baler w/No. 2 Ejector
JD 2440 w/Hi-Lo, 900 Hrs.
IH 606 w/Loader
IH 990 Mower Conditioner
JD 1209 Mower Cond.
NH 479 Haybine
Owatonna SP Mower Conditioner
Row Crop Head 3 Row Wide
AC 600 4 Row Liquid Planter
IH 56 4 Row Dry
Grove Forage Wagon
JD Model 350 - 5 Bottom Plow
JD 3-14" plows
JD #18 Corn Picker
JD 216 Forage Box w/1065 Wagon
JD 480 Mower-Conditioner
JD 40 Spreader w/Rear Pan
JD 65 Rear Blade, 7 ft. like new
Ford 340 Skid Steer Loader
JD 2 Row Wide Corn Head

Grimm Hay Tedders On Stock Parts Available	50" & 60" Bale Bags On Stock

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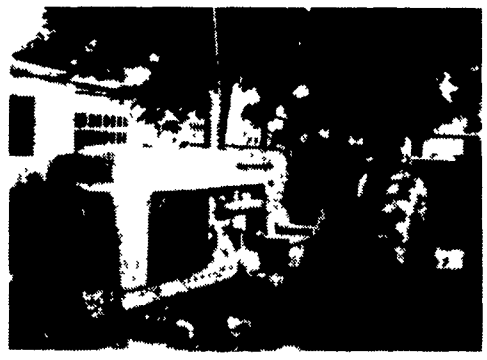
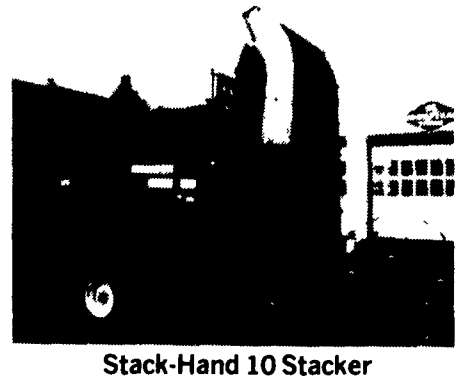


4230 D Q-Trans. Tractor
5184 Hours

2240 D Tractor
2500 Hours (1) Owner

4400 G Combine 1680 Hours
4400 D Combine 2510 Hours



Stack-Hand 10 Stacker
10 W Mover

NEW JOHN DEERE EQUIPMENT

Pre-Season Sale

JOHN DEERE

WAIVER OF FINANCE UNTIL 1/1/85 ON TRACTORS

JD 148 Loader Mountings- (2840-2940)
JD 37 Loader 60" Bucket only
JD 75 Loader Bucket only - 53"
JD 8200 Grain Drill 18x7 Plain Drill, Gauge-o-Matic Opener, Grass Seed Att.
JD 1600 Plow 4 Bottom, Spring Reset, 18" Coulters
JD 606 Rotary Cutter 6 Ft., Slip Clutch Drive, 3 Pt. Hitch
JD 225 Disk Harrow 10'6" - Offset, 24" Blades
JD 315 Disk Harrow 12'10" - Double Off set, 24" Blades

INVENTORY REDUCTION SALE ON USED EQUIPMENT

1-Used IH 400 Planter, $1495
1-Used 3960 Harvester
1-Used 30" 3 Row Corn Head
1-Used IH 56 4-row Planter
1-Used 1240 Plate Planter, $795
1-Used 1240 Plateless Planter, $2000
1-JD 4230D Tractor w/4 Post Roll Guard
1-JD 2240D Tractor w/Enclosure
1-IHC "H" Tractor
1-IHC W6 Tractor
1-IH Cub Tractor w/cultivator & plow
1-Ford 8N Tractor
1-Ford 1100 D Tractor w/4 Wheel Drive
1-JD 4400 D Combine w/Grain Platform
1-Used JD 7½' Hay Pickup
1-JD 443 4 Row Corn Head
1-Used JD 800 Self Propelled Windrower
1-Used JD 30 Kicker
1-Used JD 14T Baler
1-Used JD 64 Blower
1-Used JD 65 Blower
1-Used JD 300 Elevator
1-Used JD 38 Harvester
1-Used JD 35 Harvester
1-Used JD 3 Row Corn Head
1-Used Hensen Cab Off 2630D Tractor
1-Used JD 2 Row 30" Corn Head
1-Used JD 1 Row Corn Head
1-Used JD 344 Corn Head for Picker
1-Used Grove 3 pt. Blade
1-Used JD 37 Loader
1-Used Farm Hand F20 Loader for 2010 Tractor
1-Used JD F125 3 & 4 Bottom Plows
1-Used JD F145 5' Bottom Plow
1-Used Lamco Forage Wagon w/Running Gear
1-Used Brillion Packer
1-Used JD 3 Section Spring Harrow
1-Used Pittsburg Disk Harrow
1-Used Athens Disk Harrow
1-Used Frich Disk Harrow
1-Used FBB Drill w/Press Wheel
1-Used Kuhn Tedder/Rake 3 pt. Hitch

FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT

Vicon HESSTON CORPORATION

Fastest cutting in the world KM 321 281 241

1 Vicon KM 240	$7,885
Vicon Rake and Tedder	$675
1 Vicon V Rake	$1,695
CH 300 Rake and Tedder	$2,020
Vicon and Hesston Round Baler New	$5,650
New Hesston 1091 With 5 Bot. Reel	$7,200
.1 New Hesston 1014 12 ft.	$10,500
New Hesston 4600 Baler w/thrower	$8,300
New Hesston 5530 Round Balers	$5,650
Used Hesston 1014 12'	$2,800
Hesston PT7	$1,700
Hesston 1090	$2,200
MF 750 & 510 Diesel Combine	
Hesston Round Baler	$2,200
Gehl GB 600 2 row & pickup head	$2,000

Largest Vicon Dealer In Central Pa.

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IH 64, 76, 80, 82, 125, 127, 141, 101, 151, 91, 93, 203, 303, 403, 503, 205, 315 & 815, NH 985, JD 12 A, 25, 30, 40, 45, 55, 95, 105. AC 60, 66, Gleaner A, C, CII, E or L. MF Clipper, 26, 27, 70, 80, 90, 72, 82, 92, 35, 300, 410 & 510. Oliver 33, 35, 40, 430, 525 & 545. Ford SP & pull. 701 NI Uni tractor, NI Uni - 705D (ear corn unit); combine & shellers, Case 800 & 660, 600, MM 5297.

COMBINES

2-IH 915 Diesels w/6 Row-30", 4 Row 38"; 2-JD 660 Diesels w/4 Row-38" and Grain Heads
Buy one of These Combines w/choice of Heads and choice of Combine for $12,500

AC Gleaner G w/4 row corn, $6,950
AC Gleaner C 4 row corn & 12' grain, $3950
AC 66 Pull type PTO, nice, $500
IH 101, 10' grain.
IH 82 pull type, auger feed, $2500
IH 503 Diesel, cab and grain & corn head, $5500
Massey 70 w/10' grain, $650
IH 615 cab, 13' grain & 2 & 3 row 30" heads, $7500
MF 72 10' grain, $1250
JD 45 cab, 10' grain, $1250
IH 203 grain head, $2500
E Gleaner, cab & 10' head
C2 Gleaner cab, grain & corn heads, motor overhauled, all new bearings on combine front to back end last fall, $5500
IH 403, cab & 13' head
JD 4400, cab & head
C2 Gleaner w/2 heads
JD 6600 cab & grain head
Massey SOLD w/10' grain head

IH 1256 3 pt., wide front, $6500
2 Farmall H w/hyd. from $700 to $875
MF 2745 cab duals, 1200 hrs., $15,500
White 2-105 roll guard, $8500
Case 1370, 165 HP, as is, $6500
AC C w/side mounted mowers & cultivators w/hydraulic, $875

MISC.

AC D17 load SOLD 285
JD 830 self-propelled
12' haybine, auger feed, $2000
IH pickup head for 50, 55, 550 & 650, $235
Hesston bale mover, $275
MF rotary hoe, 6 row, 3 pt.
IH Cub spreader, $300
1 & 2 row corn pickers
All steel farm dump trailer holds about 500 Du-of corn
NI 213 spreader w/new drag chain & sides, $1275
Hawk Bilt tank spreader, $575
Corn & grain heads, IH 12' off 815 combine
NH 13' grain head
JD 40 8' grain head
Gleaner K 2 row corn head
IH 227 corn head
IH 733 3 row, 30" off of 815
MF 3 row 30" for a 300 or 410
AC 720 harvester, 2 row, pick-up head
AC 3 row 30" for E&K
JD #8 mower
JD 35 1 row head

TRACTORS

JD 3010 gas, $2875

DISMANTLING TRACTORS FOR PARTS
Harvesters and Corn Heads for Parts

JD 2010, 70D, 4010, IH 560 D, IH 660 D, IH F 14, 806, 915D, 1256, 340, F30, F-20 A, B, C, H, M, 300, 350, 460, 460 Ut., Supers C, H. & M. JD A, B, 50 & 60, 3010 D. AC WD, WC, D17. Oliver 70 & 77, 88, 60. Ford 8N, Ford 6000D. Case 300, SC & V.A.C., DC. AC "B", AC 180, AC 190, AC C, CA, MF 1155, Massey 44D, 333, 30, MF 85D, IH 400, MTA, 240, F20, WD D2 Cat crawler. JD 70 G, Oliver crawler, 2 Oliver crawler loaders.

Dismantling 50 pickers for parts
POSITIVELY NO OUT OF STATE PERSONAL CHECKS

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20 mi. north of Hbg.
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HAVE YOU BEEN LOOKING FOR A GOOD TRACTOR WITH GOOD TERMS? ONE OF THESE CAN DO YOUR WORK AND ARE AVAILABLE WITH 10% FINANCING OR INTEREST WAIVER TO 1-1-85

Case 1210 65 H.P. 12 Speed $6900	Agri Power 9000 '81 110 H.P. 200 Hours A1 $7500	Case 1090 110 H.P. Power Shift $8500	JD 4440 Canopy - Q.R. New Radials $20,000	Case 1170 Cab - 8 Speed Good Rubber $9500	White 4-150 3 pt. & PTO 2100 Hrs. $14,900	Case 2090 Cab - P. Shift 450 Hours $19,000
LOADER TRACTORS (above terms do not apply) →	Case 480CK 3 Pt. - PTO, Gas, Good Condition $6000	AC D15, II 3 pt. - PTO, Gas, Rebuilt Trans. $4200	MF 20 Diesel 3 Pt. - PTO, Cab, Good Condition $6500	MF 2200 Diesel Runs Good $2900		

SUMMER CLEARANCE — TRACTORS AND IMPLEMENTS — AS IS SPECIALS

Ford 3000 Gas Tractor, WFE, Runs Good	$2900	Kasten Forage Box	$800
Case VAC Gas Tractor, NFE Runs Good	$800	JD 3800 Forage Harvester, 2R Head	$2900
Minnie Mo 602 Diesel, NFE Runs Good	$1400	Gehl RC800 Recutter, Good Cond.	$2100
Hough Wheel Loader	$1500	Gehl FB99, Blower, Excellent.	$1450
Arts Way 420 Grinder Mixer	$800	Gehl 910 Forage Box, Roof, 10 Ton	$3500
Wetmore 878 Grinder Mixer	$1900	JD 54 Manure Spreader, Endgate	$1250
JD 1240, 4R Corn Planter	$800	MF 205 Manure Spreader, It Works	$500
Grove Forage Box	$1200	JD 4-Bottom Plow	$400

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Large Selection Of Used Garden Tractors
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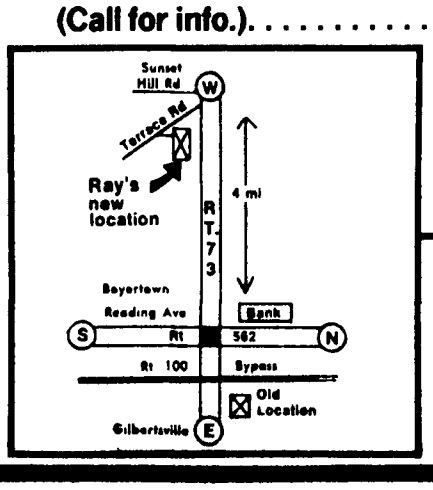
CALL FOR INFO.

New Tractors On Stock Etc.
Wheel Horse - Gibson Lawn Tractors - Lawn Boys
Jacobsen - Ariens Riders

Mott Flail Mower, 6 Ft., 3 Pt. Hitch	$650.00
And Also (1) Ford 6 Ft. Flail Mower 3 Pt. Hitch	$695.00
Rotary Attachment 52" Cut 3 Pt. Cat. "1" Fits Small Jap. Tractors Etc.	$495.00
Bale Elevator 30 Ft. Aluminum w/¾ H.P. Electric Motor	$300.00
Also Elevator w/Rubber Belt Ideal For Removing Ground When Digging Cellar Out, Has New Electric Motor On	$275.00
John Deere Farm Tractor Mod. "B" 1935 Flywheel Start, Nice	$450.00
John Deere Farm Tractor Mod. "A" Approx. 1935 Flywheel Start	$950.00
Manure Spreader, New Holland Model 327 P.T.O. Drive, 130 Bu.	$395.00
Motorcycle Yamaha Motorcycle Mod. Spec. II 400, A-1 Shape.	$750.00
Sears Rototiller, 3 Pt. Hitch For 8 H.P. Surburban Tractor (Call for info.).	$450.00
Ford Backhoe Loader 4500 Mod. Diesel, has new Rear Hydraulic Hoe Control Valve & Many Other New Parts	$6,000.00
Farmall "M" Tractor, New Rings, Valve Job, New Paint, Nice Shape	$1,800.00
Motor Mixer w/Gear Reduction B&S Eng. Working Order	$350.00
Generator Electric Plant Onan 7500 Watt 115-230 Elec-Start Works Good.	$950.00
1972 Buick Electra Mod. 225 4 Dr. Sedan, Nice Shape, Must Be Sold To Settle Estate Runs A-1	$1,200.00
Generator Onan 3500 Watt Dual Volt 230-115 Elec. Start 2 Cylinder Eng.	$550.00
Forklift Attachment for Wide Front End Tractors w/Side Shifter, Fits Ford Etc.	$750.00 or Offer
Air Compressor Combinationa Tractor Schramm w/Rock Drill, Can Run Jack Hammers Etc.	$1,400.00
Tow Rake Assembly For Pick-Up Truck, Hand Crank Type	$150.00

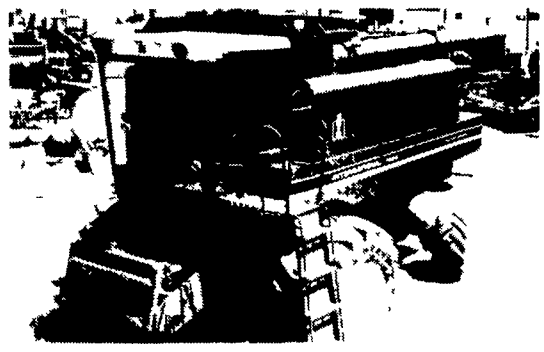


RAY'S LAWN MOWER SHOP
Rt. 73 RD #1 Box 668
Boyertown, PA 19512
Ph: 215-367-2078

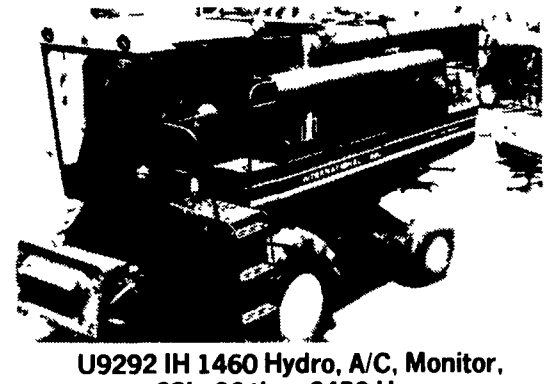
Why not buy your combine from a servicing dealer?

USED COMBINES AT LOW, LOW PRICES

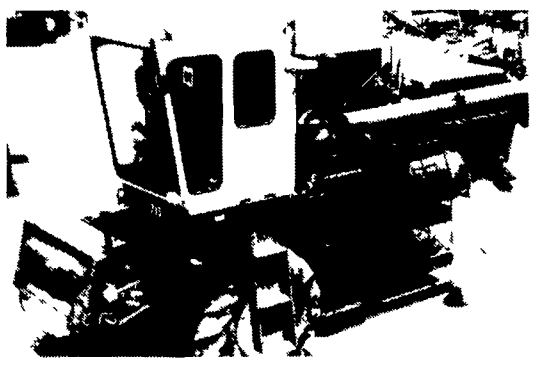
U8654 - MF 750D Hydro, A/C, 23.1x30 & 15' Platform



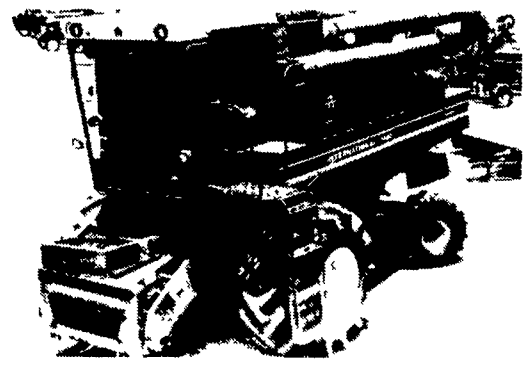
U7963 - IH 1480 Hydro, A/C, Monitor, 30.5x32 & 18.4x16.1



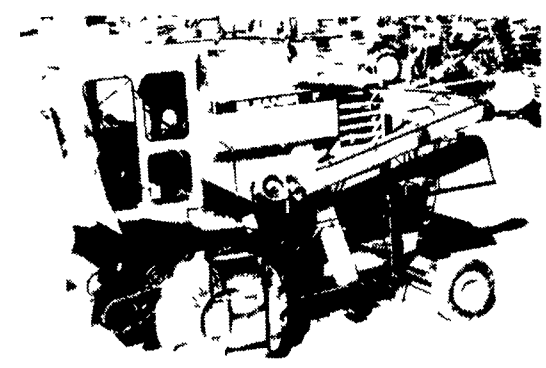
U9292 IH 1460 Hydro, A/C, Monitor, 28Lx26 tires 2459 Hrs.



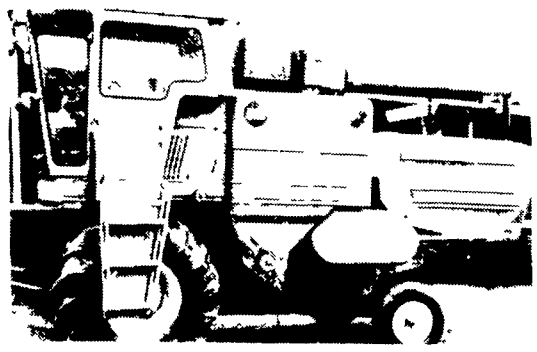
U8457 IH 715 Gas Hydro, 18.4x26 Tires, w/810 13' Platform



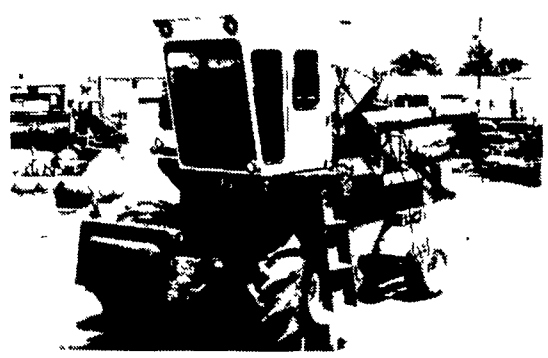
U8771 IH 1460 Hydro, A/C, Monitor, 67.00x34.00x30 Tires, Grain Loss Monitor, 1981.4 Hrs.



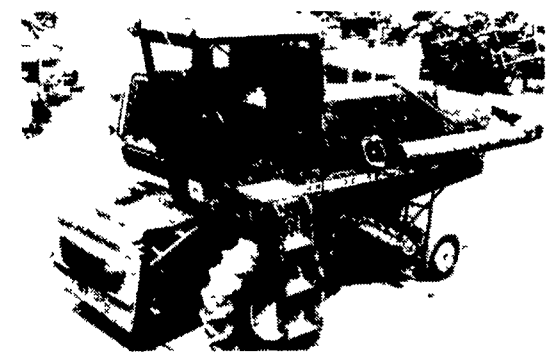
U7158 - A/C, Gleaner F, Gas w/330 Cornhead & 13' Platform



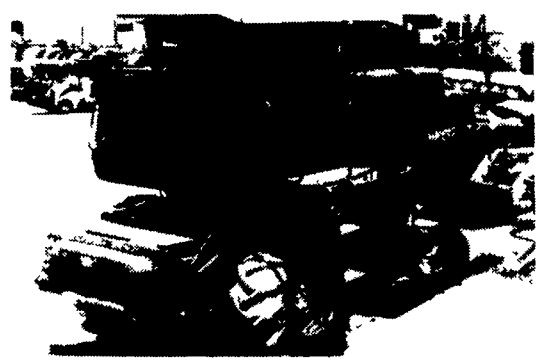
U7222 - MF 510D Hydro, 23.1x26 Tires, 63 Cornhead & 13' Platform



U7818 - IH 715D Hydro, A/C, Monitor, 18.4x26 Rice Tires.



U7904 - Deere 4400 Gas, 1991 Hrs., 18.4x26 Tires With 13' Platform



U7737 - Deere, 6600 Diesel, Gear, 28Lx26, 443 Cornhead & 215 Platform

U7138 - IH 915D Hydro, A/C, 28Lx26 Tires

U7961 - IH 915D Hydro, A/C, Monitor, 28Lx26 & 12.4x16, 1475.8 Hrs.

NEW AND USED PARTS FOR IH COMBINES

WAVIER OF FINANCE TILL JANUARY 1, 1985

FARM-BILT... Like No Other Bale Wagon To Haul Hay!

Check These Features Against Any Other Bale Wagon - You'll Find Ours Is The Best!

... Eight foot wide inside by Eighteen feet long.
Rugged square steel tubing.
. Fold down front gate w/diamond plate platform.
.. Swing-out tailgate.
.. Unload from side, front or rear
... Solid oak floor.
. Eight ton running gear w/universal bearings.
.. With New 9.5Lx15 tires.
.. Backed by Hoober Parts and Service.

Also Available In 22 Foot Length.

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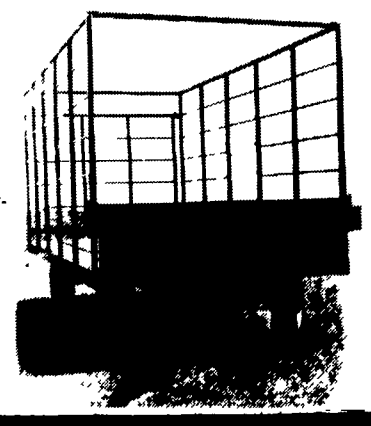


USED EQUIPMENT

TRACTORS

TAG#	DESCRIPTION
W7821	IH 4120 Skidloader
W7844	IH F450D
W8229	IH 966, 18 4x34 Tires
W8536	IH Farmall M
W8569	IH Super C, w/Cultivator 2 Row Mtd
W8780	IH F450G, Fast Hitch Belt Pulley
W8863	IH F656G Hydr , Fast Hitch
W8891	IH F986D 18 4x38 6P Tires
W8934	IH F1206D
W8729	IH F1086D w/Rops
W8975	IH Farmall H
W8759	IH F706D w/3 Pt
W9022	IH 1066 w/Cab
W9040	IH F1206D w/o Cab
W9064	JD 4230H
W8997	Steiger Wildcat 210 w/18 4x34 Duals
W9095	Steiger Cougar II ST300 w/23 1x34 Duals
W9124	IH 1586 20 8x38 Duals
W9189	IH F806D
W9194	IH F656G
W9260	Versatile 150 w/Loader
W9236	IH F1466 w/o Cab
W9240	IH F986
W9291	MF 1080 w/o Cab
W8379	IH 4166
W9320	IH 606D

TILLAGE

TAG#	DESCRIPTION
T6493	Glencoe SSP 11 Shank Soilsaver
T8693	Glencoe 13 Shank Soilsaver
T8034	Deere 110 Disc 10 w/Duals, 9" Spacing
T8166	Deere BW Disc 10' 8 5' Spacing
T7892	IH 710 Plow, 6F 18' Auto
T8570	IH Super-C Plow 2F Mounted
T8187	Tebbins 13 Shank Subsoiler, Trailing w/Wings
T9270	IH 470 18' Disk
T8857	IH 14 Subsoiler Auto Reset
T9020	Krause 2416 Disk
T9023	JD 215, 12 5" Disk
T9065	IH 370 10' Disk
T9074	JD 210 Disk w/Trl Hitch
T9109	Bush Hog 10 Disk
T9120	IH 4500 20' Field Cult
T9077	Brillion 10' Packer
T9125	White 252 18 Disk
T9139	Krause 1765 Disk
T9134	IH 760 14' Disk
T9138	IH 37 8' Disk
T9262	Krause 1578 Disk
T9155	Wil-rich 15' Field Cult
T9184	IH 4500 16½ Vibra Shank
T9185	Brillion 16' Wing Spring Harrow
T9287	Glencoe 9 Shank Soil Saver
T9318	JD 310 12' Disk
T9423	Mohawk 10 Shk Chisel Plow

HELP WANTED: Combine Mechanic, Combine Service Experience or Combine Operating Experience Required. Ph: 717-768-8231

ALL NEW & USED PRODUCTS BACKED BY HOOBER PARTS & SERVICE

Radio Controlled Trucks For Better Service

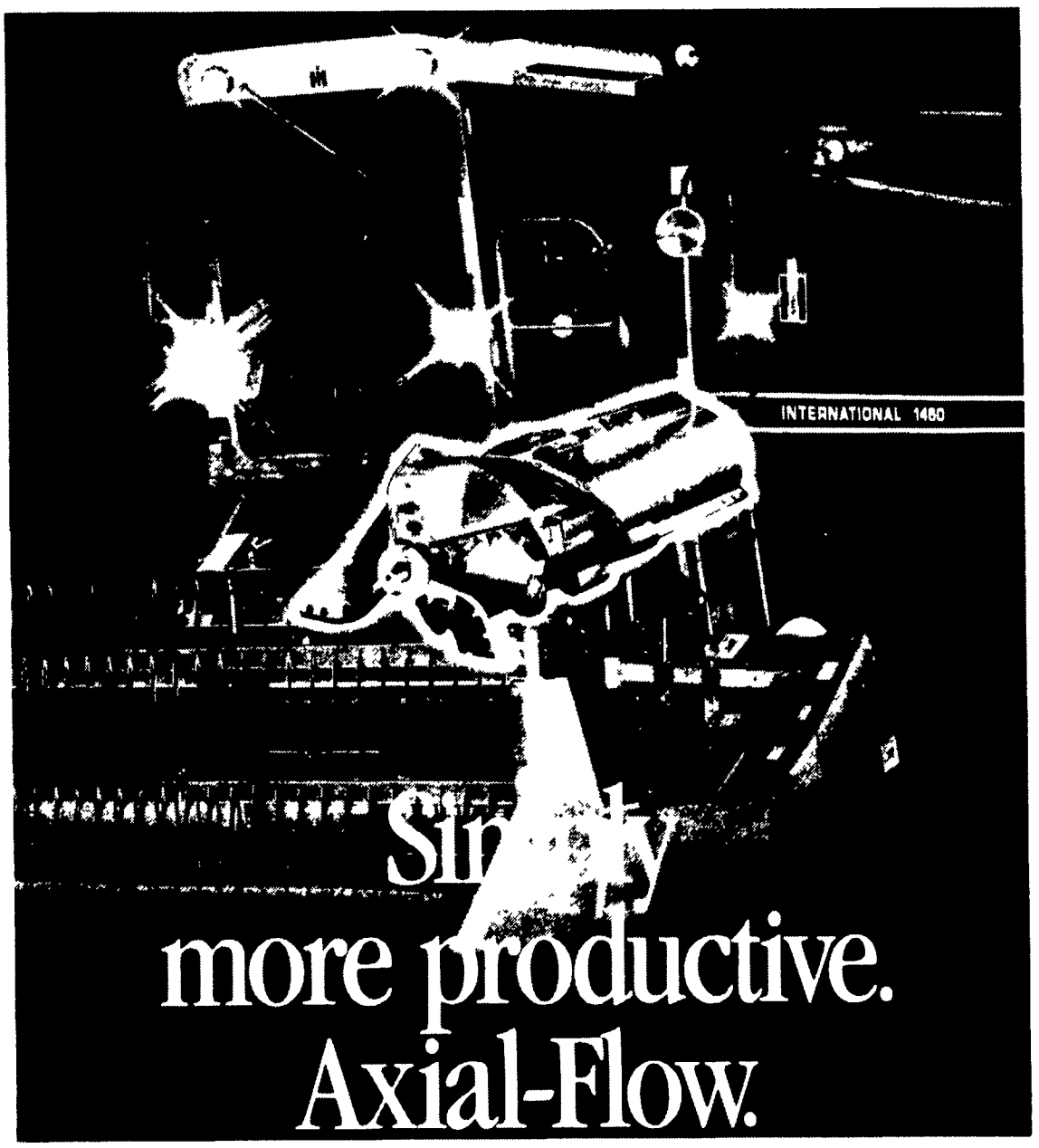
C.B. HOOBER & SON, INC.

INTERCOURSE, PA (717)768-8231 - AUTHORIZED UPS STATION - MIDDLETOWN, DE (302)378-9555

AGRICULTURAL EQUIPMENT

FARMERS REPORT MORE PRODUCTIVITY WITH AN INTERNATIONAL AXIAL-FLOW

Get More Bushels Per Day, More Bushels Per Acre, More Dollars Per Bushel, And More Bushels Per Gallon Of Fuel.



THE FACTS ARE SIMPLE

Year after year more farmers are noticing the impressive results of International Axial-Flow Combines. When your neighbors get increased performance and productivity like outlined below, its no wonder that International Axial-Flow combines have earned the trust and admiration of farmers all over the East.

Full Season Comparison of International Axial-Flow Combine with Prior Combine of Equal Size.*

CORN/BEANS

		1440 Vs. Class IV	1460 Vs. Class V	1480 Vs. Class V
More Bushels Per Day Percent increase in bushels per 10-hr. day	Corn	+33%	+21%	+35%
	Beans	+26%	+18%	+26%
More Bushels Per Acre Extra bushel from less grain loss	Corn	+.63 +.91 sidehill	+.56 +.76 sidehill	+.33 +.88 sidehill
	Beans	+.65 +.85 sidehill	+.58 +.87 sidehill	+.64 +.64 sidehill
More Dollars Per Bushel Increased value per bushel from less dockage	Corn	+1.8¢	+1.75¢	+1.53¢
	Beans	+1.8¢	+1.75¢	+1.53¢
More Bushels Per Gallon Percent increase in bushels per gallon	Corn	+39%	+25%	+28%
	Beans	+31%	+22%	+24%

*More than 1600 owners of Axial-Flow combines compared the productivity of their Axial-Flow combines with their prior combines. These facts are from the more than 1000 corn/bean farmers reporting.

BUY YOUR COMBINE FROM A COMBINE DEALER

AND GET PARTS & SERVICE SUPPORT

- 3 Fulltime Combine Mechanics driving fully equipped service trucks
- Over $250,000.00 in Combine Parts Inventory & 8 Partsmen to serve you.
- Experience from starting over 60 combines in all types of crops - barley, oats, wheat, corn, beans and high-moisture corn.

Increased Productivity Does Not Always Have To Carry A Higher Price Tag.

IH Combines Are About The Same Price As Comparable Conventional Combines.

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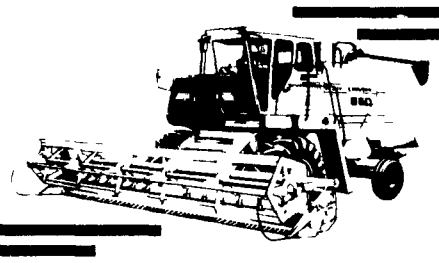

NEW EQUIPMENT IN STOCK

MF 240 8 spd Tractor
MF 250 Tractor
MF 1144 Corn Head
MF 1163 Corn Head
MF 13' Grain Head
MF 860 diesel Combine, Hydro
Rakes
Forage Wagon
Mower Conditioners
MF 4 Row Cultivator

Conde Vacuum Pump $1,000

USED EQUIPMENT

MF 510 Combine
MF 760 Combine w/6 row Corn Head & 16' Grain Table
MF 750 Combine w/63C Corn Head & 14' Grain Table
MF 750 Combine w/13 ft. Grain Heads
MF 285 Diesel Tractor w/cab
Ford 6000 Tractor
Ford 1500, 4WD Tractor
JD 6 Row Cultivator
NH 707 Forage Harvester w/3 pt. Hookup
Ford 530 Baler
NH 68 Baler w/Thrower
JD 14T Baler

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MF Massey Ferguson
Your Business Machines

ABRACZINSKAS
Farm Equipment, Inc.

RD1, Catawissa, PA.
717-356-2323
(south on Rt. 42)

USED TRACTORS

JD 4430 cab, air, Quad range sharp
JD 4430, power shift, roll guard
JD 4320, w/cab
JD 4230 cab, air, Quad range
JD 4520 w/cab & duals
JD 423C w/roll guard
JD 4020, power shift
JD 4020 Syncro w/cab
JD 4010
JD 2840 w/cab
JD 2640
JD 2240
JD 2630 diesel
JD 2020 diesel
JD 2510
JD 3020 Diesel, Syncro
JD 950 1000 hrs.
Int. 986 cab & air
Int. 886 cab & air
Int. 1066 w/cab
IH 966, cab and air
IH 1026 hydro
IH 766 w/cab
IH 656 wide front
IH 574
IH 284 w/mower
Ford 9600 w/cab & duals
Ford 535 w/loader 1,000 hrs.
Ford 5000
Ford 4000
Ford 3000 Diesel Sharp
Ford 2600
Ford 2000
Ford 850
AC 7030
AC XT 190 w/cab
AC 210 diesel
MF 1105
David Brown 1200 w/loader

GRINDERS & MIXERS

Gehl 120
Gehl 95
Gehl 65
IH 1150

USED COMBINES

JD 55 com SOLD cial
Oliver 525 w/2 heads, exc. cond.
NI 702 tractor w/710 combine
NI 702 w/chopper & 3 row head
JD 4400, 1979 model, sharp

USED PLANTERS

JD 7000 4 row liquid fertilizer

USED HARVESTERS

Fox 2 row snapper head
Used Moridge grain dryer
Late Model NI 702 uni tractor w/767 Super Chopper, 3 row head & pickup head
Fox 2000
Fox Custom 90
NH 770 w/2 heads

MISCELLANEOUS

JD power till grain drill
NH 278 baler
1975 Chevy Tandem w/20 ft. grain body & hoist, PS, air brakes, Detroit 653 diesel
Keewanne 14 ft. Rock Flex Disc w/26" blades
JD 7 btm., on land hitch, hydraulic reset plow
JD 30 ft. Implement Trailer
Large selection of smaller discs
Large selection of plows from 3 to 7 bottom
Gehl 4400 skid steer loader
JD 1207 haybine
New Farmhand loaders for IH and JD tractors
NI 2 row wide pull type corn picker w/12 roll husking bed, excellent
Brillion 15' roller harrow, like new
New & Used rotary hoe's
Gehl 1500 Round Baler
NH 469 9' Haybine

D & R EQUIPMENT INC.

Ringoes, New Jersey (201) 782-5082

DEPENDABLE MOTOR CO.

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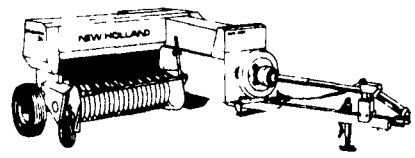
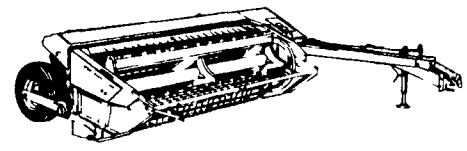
NEW EQUIPMENT SPECIALS

NH #488 Haybine (Demo)		$7100
NH #311 Engine Baler, Hitch & Chute, Steel Wheels		$8700
NH #311 PTO Baler, hitch and chute		$7120
NH #256 Steel Tine Rake		$2145
NH #256 Rubber Tine Rake	ONE ONLY	$2300
NH #456 Mower		$2470
NH #30 Blower		$2865
NH #28 Blower		$2915
NH #718 Harvester (1 only) Rental		$5600
NH #782 Harvester, manual controls		$9350
NH #782 Harvester, electric controls		$9890
NH #770W Pickup Head		$1925
NH #8 Forage Box, 3 btr. and roof w/234 wagon and 13:50 tires, adjustable tongue		$7240
NH 363 Tank Spreader		$4295
NH 519 Spreader, 11:20 Tires		$4725
NH #425 Skid Loader 60" bucket, 10:50 Tires		$12,675



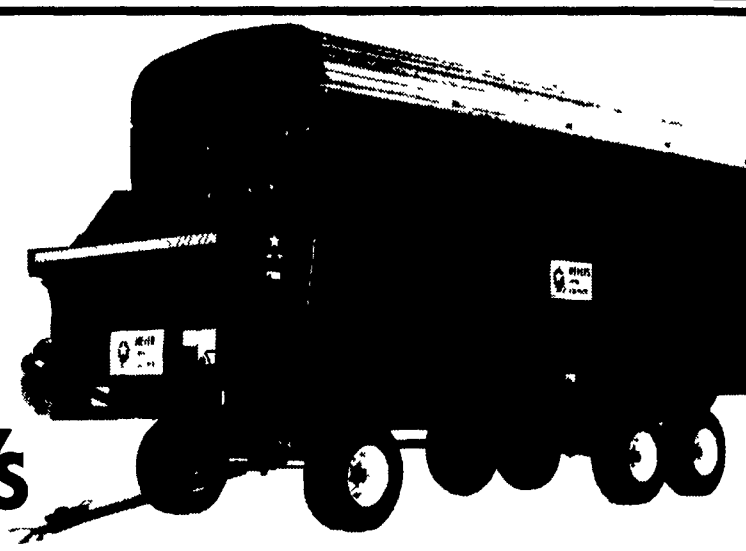


PLUS MORE EQUIPMENT IN STOCK - CALL TODAY

• SPECIAL DEALS ON THE ABOVE PLUS FREE FINANCE ON NEW & USED NEW HOLLAND HAY EQUIPMENT TILL SEPT. 1, 1984 & FORAGE EQUIPMENT TILL SEPT. 1, 1984 OR SPREADERS AND GRINDERS TILL OCT. 1, 1984

SPERRY NEW HOLLAND

DEPENDABLE IS MORE THAN OUR NAME

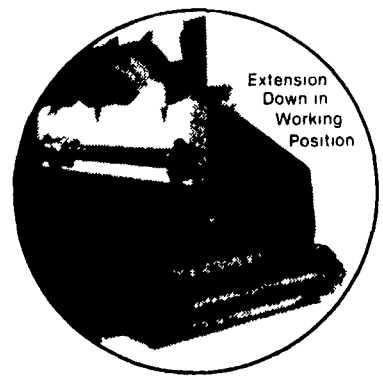


Meyer's

400, 500 and 600 Series

Self Unloading Forage Boxes

For 1984



The fold down cross conveyor extension is standard equipment on 1984 600 series boxes optional on the 500 series — not available on 400 series — cannot be installed on any previous model

A standard cross conveyor extends 12 from side of box The optional fold down extension adds another 12 inches

Meyer's offers two new features:

- **Fold Down Cross Conveyor Extension**
- **Optional All-Steel Sided Boxes**

Seemingly a minor improvement, the new Meyer's fold down cross conveyor extension is instead a highly significant, farmer approved feature.

- It delivers material into the blower, not just on the hopper edge — less goes on the ground
- Makes it easier to align box to blower
- Adapts box for bunk or fence-line feeding
- Folds for transport
  - When folded, box is as narrow as a standard box
  - Saves the next row of corn and the gate posts Easier to store
  - Allows use of a wider wagon and larger tires
  - Simple and easy to fold and unfold
  - Runs in any position
  - Acts as a gate to cut loss in transport of small grain or high moisture corn

All Steel Sides are an option on ALL Steel Frame Models for 1984!

MEYERS

INTRODUCTORY OFFER

Myers Model 518 W.F. Wood Frame Forage Box
18 Ft., 3 Augers, Roof & Fold Down Conveyor Extension w/12 Ton E-Z Trail Wagon, Tandem Axle, 12.5Lx15 8 Ply Tires.....

BOTH FOR ONLY $6,300.00

DRINK MILK EAT BUTTER AND CHEESE

R.S. HOLLINGER & SON, INC.

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Mountville, PA
Ph: 717-285-4538

Store Hours:
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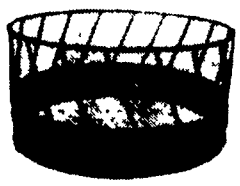
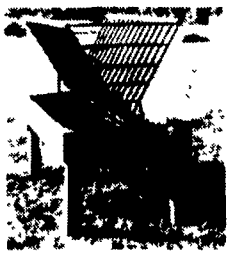
Special Price Up To 20% On Some Styles
SAVE YOUR HAY WITH SLANT BAR FEEDERS



18 Holes
3 Section Feeder
$135.00



6-8-10 Ft.
$19 a ft.

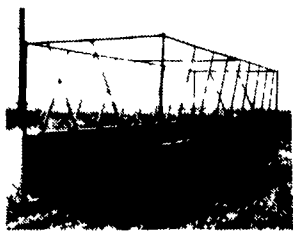
SPECIAL PRICE ON STEEL WHEELS

All Metal Construction

ALL PURPOSE FEED TRAILER

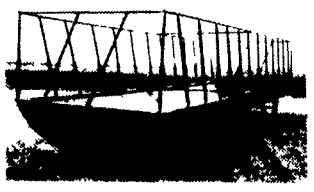
Priced At	
24 ft.	$695
30 ft.	$825

Feeders on Skids



12 ft. $290.00
16 ft. $360.00

18 ft. $318.00
24 ft. $399.00
30 ft. $470.00
36 ft. $540.00



BARTVILLE WELDING SHOP
Rt. 1 Christiana, PA (at Bartville) 17509

Dealers Welcome

AVCO NEW IDEA **NEW IDEA** AVCO NEW IDEA

NEW EQUIPMENT SPECIALS

351 Spreader Rated 3 Ton w/T Bar Chain. . .	$3,881	$3,300
354 Spreader Rated 11 Ton w/T Bar Chain, 10x20 Recapped Tires, Upper Beater And Hydraulic End Gate	$11,430	$9,675
384 Solid Plus Spreader, 2,250 Gal. . . .	$13,525.50	$11,500
405 8'6" Rake, Hitch w/Jack	$2,850	$2,450
406 9'6" Rake w/Caster Wheel	$3,200	$2,875
484 Big Row Baler	$11,710	$10,000
521 Trailing Sickle Mower	$3,200	$2,700

ALL ABOVE UNITS AVAILABLE WITH EITHER A, B OR C
A. Waiver until 1/1/85
B. 13.9% Financing up to 3 years
C. 5% Cash Discount

BIGGS INCORPORATED
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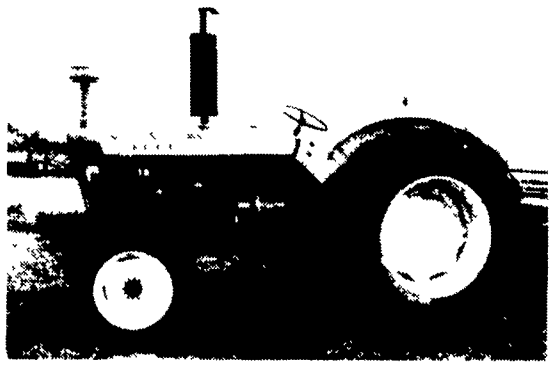
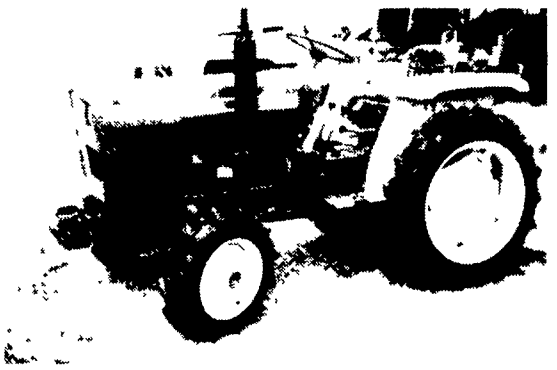
301-658-5531

USED TRACTORS & EQUIPMENT
This Is Only A Partial Listing



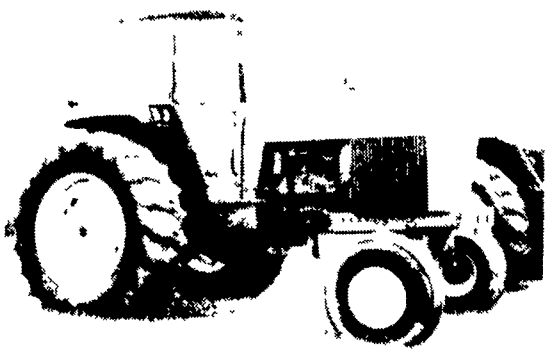
Stock #13849
FORD 7000 TRACTOR
Over Size Tires, New Paint, Very Nice Tractor



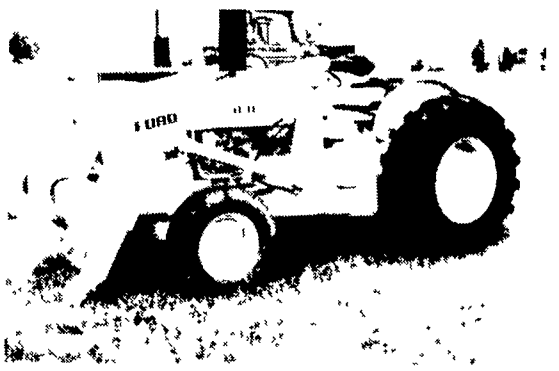
Stock #10142
DEMO FORD 1300- 4 WD
PTO, 3 pt. Hitch, Very Nice Unit $5,495

Stock #11500
MASSEY FERGUSON 1100

Stock #13150
FORD 8600 Dual Power,
Cab, Reconditioned

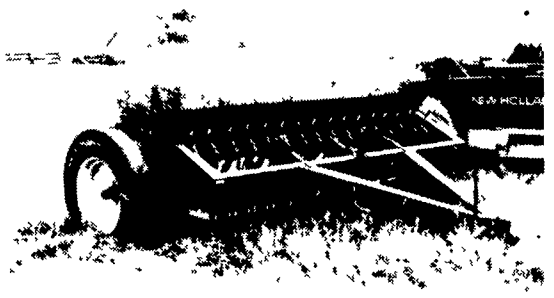


Stock #10003
JD 4440 Quad Range, Cab, Air, AM/FM 8 Track,
1300 Hrs.

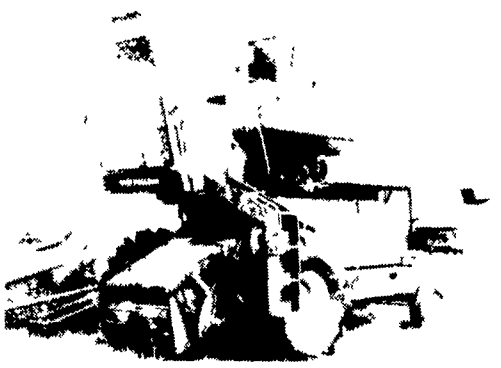


Stock #13438
USED FORD 4500 TL
New Paint, Very Good Loader Tractor

Stock #13982
BADGER SELF-UNLOADING WAGON
3 Beater, Ready To Go



IH 510 GRAIN DRILL
Single Disc Openers
$2,450



NEW HOLLAND 985 COMBINE
13 ft. Grain Platform, 4-Row Wide Cornhead
$9,500

9¾% Interest On All Used Tractors

KELLER BROS. TRACTOR CO.
SINCE 1921

PARTS ★ SALES ★ SERVICE

R. 7 Lebanon,
Pa. 17042
Rt. 419 1 mile West
of Schaefferstown,
Buffalo Springs
Lebanon County
717-949-6501

NEW TOLL FREE NO.
1-800-822-2152

WENGERS INC.

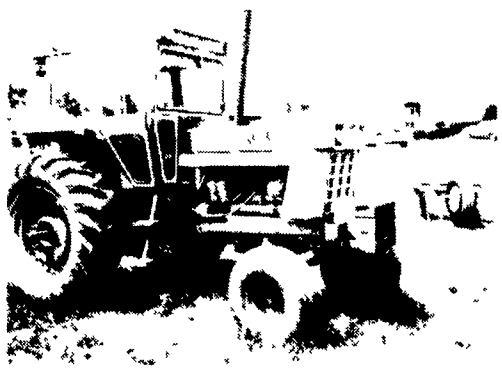
LONG

251 SOUTH RACE STREET, MYERSTOWN, PA 17067

PHONE: 717-866-2135

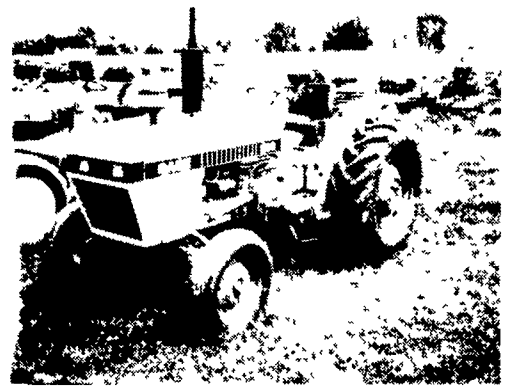
NIGHTS, PHONE: 717-866-7147 or 717-273-9089

USED TRACTORS AND EQUIPMENT



VERY CLEAN IH 1466 -
Air-Loaded-w/weights-2 Remotes-2 PTO's-2900 Hrs., Exceptional Quality $10,800.

NICE ORIGINAL OLIVER 1855 -
3100 Hrs., over/under, Good Buy For A Good Tractor $7700.



NEW CASE 1190
43 H.P. Diesel - Must Sell $8775 Or Best Offer.

WENGER'S IS E-X-P-A-N-D-I-N-G TO SERVE YOU BETTER
Used Parts — East Coast's Largest

(100) COMBINES - DISMANTLING FOR PARTS

JD 7700-6600-4400-3300-95-55-45-40-12A-42
IH 815-615-315-403-303-203-205-105-101-93-91 141-127-64-76
MF 760-510-410-300-92-72-35-26-Clipper-60
Gleaner CII-EIII-A-E-60
Uni 705-704-702-701-710-Etc.
Case 960-660-600
NH 975-985
MM 4296-Oliver 525-535
Over 100 Corn & Grain Heads For Salvage

(100) HARVESTERS - DISMANTLING FOR PARTS

JD 38-35-34-12-8-6
IH 650-550-55-59-350-16-15
Fox 2200-2000-1000-546-FA
NH 880-818-800-S717-717-616
Gehl 600-300-188-84-83
Case 300
Ford & Papec

PICKERS - DISMANTLING FOR PARTS

NI 331-311-305-10-7-323
JD 237-227
IH 2MHD-2MH-2ME
Ford Blue 1 Row & 2 Row Woods

SPREADERS — CORNPLANTERS — HAY CRUSHERS — BLOWERS — CORN SHELLERS — CULTIVATORS — PLOWS — CULTIPACKERS — CULTIMULCHER — DRILLS — RAKES — SICKLE — MOWERS — NI 7' & 9' CUT DITIONERS

HAYBINES - DISMANTLING FOR PARTS

IH 225-201
JD 480
NH 490-460
Hesston PT10
OMC 29-25
Case 950

CONSTRUCTION - DISMANTLING FOR PARTS

AC HD3, HD4, HD5, HD6, I600
Case 310, 320, 530, 580, 680, 580B
Cat D2 5U
Cat D4 7U
Cat 933 11A
Cat 955H 60A
Cat 977 20A
Ford 4500
IH TD6, TD9, TD14A, T6
IH 340, 100C, 125C, 175C, 500
IH 350, 3444, 3400, 3600
JD 40, 420, 430, 440, 350, 450, 1010
JD 440A, 540, 540B Skidders
JD 544B Loader
JD 300, 400, 500, 1010
Oliver HG, OC3

(50) BALERS - DISMANTLING FOR PARTS

JD 336-214T-24T-14T
NH 280-271--269-78-69-68-67-66-77
IH 57-47-37-27-55-45
Oliver 720
MF10
AC 303
Case 230
Ford 530

FARM TRACTORS DISMANTLING FOR PARTS (Over 2000)

AC: 220-210-200-D21-190XT-190-D19-D17-D15-D14-D12-D10-WD45-WD-WC-G-CA-C-B-Etc.

Case: 1070-970-770-1030-930-830-730-630-530-430-800 Series-700 Series-600 Series-500 Series-400 Series-300 Series-200 Series-DC-SC-VAC-LA-990-880-Etc.

Ford: 9600-9000-8000-7000-6000-5000-4000-3000-2000-900-800-700-600-NAA-Major-Dextra-8N-9N-Etc.

IH: 1466-1066-856-756-666-656-1206-806-706-606-660-574-454-464-444-560-460-544-504-424-404-450-400-B414-B275-350-300-240-230-200-140-130-100-Super A-Cub-154 LowBoy-Super C-A-B-BN-C-H-M-MD-MTA-W4-W6-W9-Etc.

JD: 4430-5020-4020-3020-2020-1020-2520-5010-4010-3010-2010-2510-1010- 435-830-730-630-530-430-820-720-620-520-420-80-70-60-50-40-MT-M-R-G-A-B-H-Etc.

MF: 1130-1100-1080-180-175-165-150-135-Super 90-85-65-50-40-35-30-20-Etc.

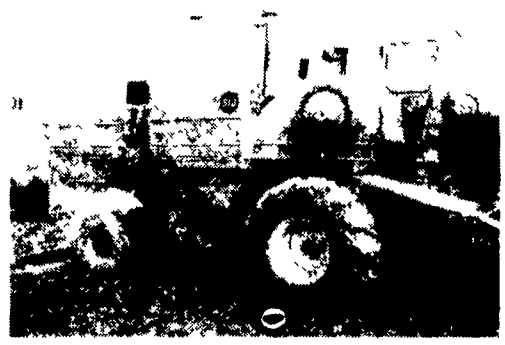
Long: 560-460-445-360-350-Etc.

MM: G1000 Vista G1000-670-302-445-335-5 Star-4 Star-3 Star-2-UB-U-Etc.

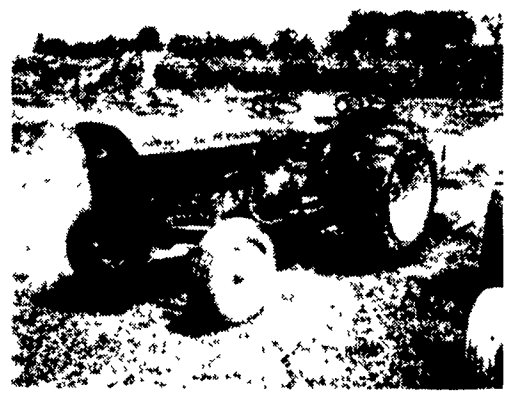
MH: 444-44-33-101-30-22-Junior-Pony-Etc.

Oliver: 1950-1850-1755-1750-1650-1550-1450-1250-1800-1600-880-770-660-99-70-60-88-77-66-550-55-Etc.

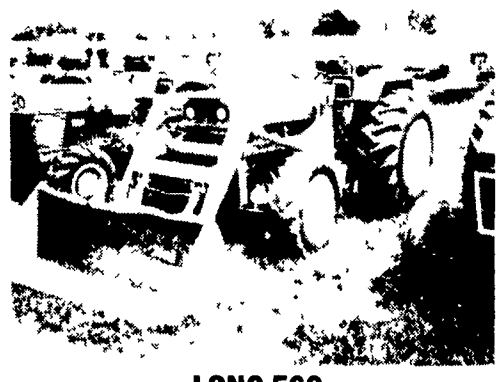
PARTS CALLS TAKEN 7:30 AM to 5:00 PM WEEKDAYS
7:30 AM to 12:00 NOON SATURDAY
Phone 717-866-2135 (Please, No Calls After Hours)
PROMPT SHIPMENT — CASH SALES ONLY



CLEAN ORIGINAL MF 510
Diesel, Quick Tach, Big Rubber Base Combine - Only $7900. 13'-14'-15' MF Grainheads on Stock 43-44-63 MF Cornheads on Stock.



JD 1020
New Paint, Good Condition - $4950.



LONG 560
4 WD w/Loader, New Paint - $6800. We will separate if you desire.

CLEAN COMBINES

MF 510 Diesel QT
JD 45 SB
Gleaner G
Oliver 525
IH 815 Hydro

WENGERS INC.

LONG

251 SOUTH RACE STREET, MYERSTOWN, PA 17067

PHONE: 717-866-2135

NIGHTS, PHONE: 717-866-7147 or 717-273-9089

JOHN DEERE TRACTORS

4020D . . . . . Coming in
4020D Powershift-As Is $4900
4020D w/Duals $6800
4230-4 WD-Cab-Quad-Excellent . . . $16,800
4430-4 post-20.8x38-1975 . . . . . $7900
730D-Try-3 pt.-Direct Ele. $3500
4520 - Nice $8800
330-Utility-Clean-3 pt. $5850
1020 Utility-3 pt.-Nice $4950
730D-WF-3 pt.-Direct Ele $2900

FARMALL TRACTORS

1466-Cab-Nice $9700
1466-Cab-Air-Nice $10,800
1066-No TA $6200
560D-FH-WF-Nice $3500
Cub w/Cultivator $1650
340-Try-PS-FH-Nice $2950
404-Utility-3 pt.-Nice $2950
B414-PS-Utility-3 pt. $2950
856 w/Cab $7950
1206 w/Cab $5950
706D . . . . . Coming in

OTHER TRACTORS

White 4-150-Very Clean-Low Hours . $16,800
Case 1070 w/Cab-Powershift $5200
Ford 9600 w/Cab-As Is $5500
MF 30 w/Loader-Clean $2950
AC D19D-WF $3500
Oliver 1800D-WF-3 pt. $3900
MF 1130D-As Is $4500
Long 560-4 WD-w/Loader $6800
Ferguson 30 . . . . . $1650
MF 65 w/Loader $3950
Oliver 1855 w/Cab-Nice $7700
Ford 6600 Flat Deck . . . . . Coming in
Ford 4600 . . . . . Coming in
MF 1085 . . . . . Coming in
MF 1080 . . . . . Coming in
AC 190XT . . . . . Coming in
Case 1030 w/Cab . . . . . Coming in
Case 990 w/Cab & Loader-Low Hours . $8950
Ford 6000 . . . . . Coming in
White 262 . . . . . Coming in

NEW TRACTORS

Mitsubishi Bison 4 WD
Case 1190
Long 310 4 WD w/Loader
Long 360-4 WD
Long 460-4 WD

HARVESTER HEADS

NH Pickup for 717-770-818
NH 1X Corn for 717-770
NH 2x30 Corn for 717-770-880-890
NH 1X Snapper for 770-717
NH 2x30 Snapper for 880-890
NH 3x30 for 880-890
NH Cutterbar for 717-770-880-890
JD 243 2x30 Snapper for 38-3800
JD 3x30 Corn for 38-3800
JD 2x30 Corn for 38-3800
JD Pickup for 38-3800
Fox 2x30, 2x40, 3x30 Snapper Head
Fox 2x30 Corn
Fox Pickup
IH 2x30 Corn for 50 thru 650
IH Pickup Head for 15-16-350-50 thru 650
IH Cutterbar for 50 thru 650

HARVESTERS

NH 890 | NH 880
IH 550 | IH 50

CULTIVATORS

IH 2X for "C"
IH 4X 3 pt
JD RM4-4X 3 pt
IH Cub 1X
IH 2X For H or M
JD 2X For H
JD 2X For 420
2X 3 pt.
IH Super "A"
IH 468 4X Front Mtd
Pittsburg 6X 3 pt
IH 4X Front Mtd.

COMBINE CORNHEADS NARROW ROW

AC A330, FL330, LM430, G430, C II 430, C630, G630
JD 313, 334, 434, 435, 343, 643, 443
IH 329, 429, 733, 743, 833
MF 321, 33, 43, 63
NH 4x30, 4x30 QT
Oliver 3x30, 4x30 703N, 704N
Case 3x30

COMBINE CORNHEADS WIDE ROW

AC E240, E III 240, KL238, A240, C440, G440
JD 205, 210, 234, 235, 334, 434, 244, 344, 444
IH 227, 228, 229, 724, 327, 429, 744, 824
MF 22, 222, 322, 422, 24, 44
NH 2x40, 4x40 QT
Oliver 2x40, 3x40, 4x40
Case 2x40, 4x40

DISC'S

MF 20' Transport
Kewanee Rock Flex-13'
JD KBA 28 Transport
IH 10' Transport
JD KBA 28 Drag
IH 350 Transport-13'
Oliver 10' Transport

CORNPICKERS

NI 324 w/12 Roll Bed
NI 324 w/Super Sheller

DUALS

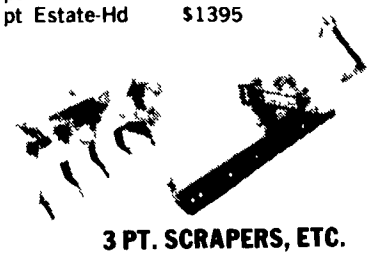
18.4x34 MF
18.4x38 Snap
18.4x34 Snap
20.8x38 Axle
18.4x34 Axle

FINANCING AVAILABLE WITH 20% DOWN - UP TO 5 YEARS

SPECIAL PRICES ON ALL NEW EQUIPMENT

ROTARY MOWERS

4' 3 pt	$385
5' 3 pt	$395
6' 3 pt	$645
7' 3 pt	$1395
4' pull	$545
5' pull	$595
6' pull	$795
7' pull	$1495
5' 3 pt Estate-Hd	$1295
6' 3 pt Estate-Hd	$1395



3 PT. SCRAPERS, ETC.

6' Blade	$175	7' Landscape Box	$595
7' Blade	$195	6' Stone Rake	$495
8' Heavy Duty Blade	$595	7' Stone Rake	$550
6' Landscape Box	$495	8' Stone Rake	$595

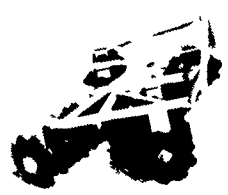
3 PT. ROTOVATORS

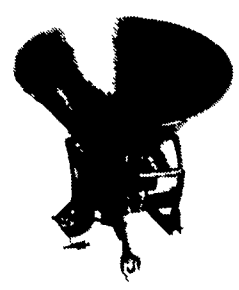
52" $1045
60" $1095
72" $1395
88" $1695

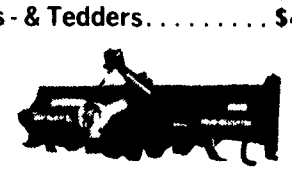
MORE SIZES AVAILABLE

OTHER NEW BARGAINS

6½' 3 pt. Disc $495
1 Row 3 pt. Cultivator $95
3 pt. Potato Plow $95
3 pt. Boom Pole $79
3 pt. Boom Pole - H. Duty $179
12" 3 pt. Post Hole Digger - H. Duty . . $495
9 Tooth 3 pt. Chisel Plow $495
3 pt. PTO Woodsaws $450
3 pt. Seeders $395
2 Axle 4 Ton Trailers $1395
1200 Bushel Corn Crib $895
3 pt. Hay Rakes - & Tedders $495







BALERS

NH 315 w/Thrower
NH 77 | Case 220
Ford 530 | NH 66

NEW IDEA UNI SYSTEM ATTACHMENTS

731 4x40 Cornheads
844N Cornhead
743N Cornhead
725 & 735 3x30 Cornheads
High Moisture Throat
766 Pickup Head
Extra Grain Heads

WAGONS

Feeder Rack w/Gear
(3) Metal Bale Throw Racks
(3) Flat Bed Wagons

CORNPLANTERS

IH 400 4X No Til
IH 2X Fast Hitch
Ford 6X Pull
JD 1240 Plateless
JD 246 - 3 pt.

GRAINHEADS

25 on stock to fit most Makes and Models

SPREADERS

NH Tandem Axle
IH Cub | NI 217

CHISEL PLOWS

9 Tooth 3 pt.
Landoll 10' Pull-Chisel
11 Tooth 3 pt.
12 Tooth 3 pt.
7 Tooth 3 pt.
10 Tooth 3 pt.
5 Tooth V Chisel
Taylor Subsoiler

MOWERS

NH 451 Sickle
Oliver 3 pt. Sickle
Brillion 7' 3 pt. Flail
Mott 4' Pull w/Engine
Bush Hog 13' Rotary
Imco 6' Pull Rotary
IH 27 Semi Sickle
Modern 7' Pull Rotary
MF 3 pt. Sickle
JD 38 Sickle
Ford 3 pt. Sickle
Mott 3 pt. 6' Flail
Woods 42" For Cub
JD 6' 3 pt. Flail
JD 5' 3 pt. Rotary
Mott 4' 3 pt. Flail

POTATO EQUIP.

Iron Age 2X Planter

FLAIL CHOPPERS

NH 36 JD 16A

MISC. EQUIP.

JD Tedder
IH Cub Snow Plow
(3) NH PTO Bale Thrower
2X Pull Transplanter
4X Pull Stalk Chopper
Toro Thatcher & Vacuum Combo
Lely Pull Fertilizer Spreader
IH Super A Side Dresser
IH Cub Side Dresser
IH Cub Fast Hitch Attach
Lely Roterra
Clay 1500 Gal. Honey Wagon w/Injectors
Danuser 3 pt Post Hole Digger-Heavy Duty
2X 3 pt. Transplanter
1X Pull Transplanter
Niemeyer PTO Tedder
Grimm Tedder
Nickelson Tedder
Swartz Mixer Wagon
Corn Drag
Ferg 3 pt. Rake

FIELD CULTIVATORS

IH 12' 3 pt.
JD 12' 3 pt.
JD 18' 3 pt.
Glenco 13' 3 pt

SPRING TOOTH HARROWS

JD 8' Drag | 12' 3 pt
11' Drag |

LOADERS

IH 34 Off 340 Utility
Ford Off 8N
JD Off 300
Freeman Of 880 Brown
IH 2000 Off 504
AC Off I600
IH Off 464
Davis Off 800 Ford
JD 36A Off 1020

SHELLERS & GRINDERS

JD 43 3 pt. Sheller
MM 1200 Sheller
NI 315 Sheller Attach.
NI 314 Sheller Attach.
NI Super Sheller Attach
NI 317 Grinder Attach.
NI 318 Grinder Attach
IH 234 Sheller Attach.
Haban 3 pt Sheller

CULTIPACKERS

Brillion 14' w/Transport
9' Sprocket Packer
Brillion 12' Mulcher
Brillion 10' Packer
Brillion 12' Packer
Brillion 16' w/Transport

HAYBINES

NH 478 Case 9'

TRUCKS

1974 Ford Single Axle Diesel Tractor . $6300
1970 Ford 900 Single Axle Construction Dump $7700
1977 Chevy Pickup $2150
1947 Ford Fire Truck $2950
1976 Ford Louisville Diesel w/24' Rollback . . . $22,500
1982 Ford Pickup . $6950
1981 Chevy Pickup $6950
1971 IH Flatbed . . $3500

PLOWS

JD 1350 5x16 Semi
JD 3x16 3 pt. Trip
(2) JD 2x16 3 pt. Trip
PITTS. 1x12" 3 pt
Ford 2x3 pt. Trip
JD 1X Reset Add On
AC 3X SC
MF 3x16 Rollover
Oliver 2X 3 pt
Oliver 3x16 3 pt
Ford 2x12" 3 pt
IH 1X FH

ROLLBARS & CABS

Case 1070 Cab
IH 2 Post w/Roof
JD 2 Post w/Roof
JD 4020 Cab
DB 1200 Cab
Ford 9600 Cab w/Air
Case 1030 Cab
(30) Combine Cabs

CONSTRUCTION EQUIPMENT

NEW 1984 TRAILERS ON SPECIAL

• 2 Axle, 4 Ton, 14 Ft. $1395

BACKHOES

Ford 4500	$9600
Ford 5500	$12,800
IH 260A	$14,900
IH 3414	$6900
Ford 800	$5600
IH 3514	$6600
Case 580C	$21,700
Case 580C	$20,600
Case 580C	$19,800
Case 580C	$18,400
IH 3500	$8800
AC 615	Coming in

OFF ROAD ROCK DUMPS

(4) Mack 25 Ton Rock Trucks From $38,600
(3) Mack 20 Ton Rock Trucks $84,700

FORKLIFTS

Int 7000-21' $10,700
Int 4500B-21' $12,600
4000 lb, Solid Tires, Side Shift $2800

TRACTORS WITH LOADERS

IH 2400	$7600
Ford 4400	$6400
JD 301A	$6700
Long 560 4WD	$6800
IH 3414	$2950
MF 65	$3950
MF 30	$2950
Case 990 w/Cab	$8950

LOG SKIDDERS

JD Log Loader	$4300
JD 540A	$9600
JD 540B	$24,700
JD 540A	$11,800
Clark 666B w/Grapple	$17,700
JD 440A	$8400
JD 440B	$12,400
Tree Farmer C4	$6900

RUBBER TIRED LOADERS

OMC 770	$16,300
Ford A62	$26,200
AC 605B	$27,600
Case W20	$28,300
AC 4WD	$6900
AC 840	$18,700
Case W14	$21,100
AC 840	$19,400

TRAILERS

1984 2X 4 Ton	$1395
1984 3X 9 Ton	$4400
1984 2X 12 Ton	$5800
1983 2x6 Ton	$3600
1980 12 Ton Tilt Top	$6100
1973 6 Ton Tag-A-Long	$1800
1977 1½ Ton	$400
1972 9 Ton General	$2400

CRAWLER LOADERS

JD 450	$9500
Oliver OC3	$2400
JD 350B w/Backhoe	$16,600
Cat 977L	$64,800
IH 125E	$23,700
Cat 941 w/4 in 1 bkt	$23,700
Cat 941 -	$19,800

BACKHOE ATTACHMENTS

JD - Ford IH Case-AC Long-

SKID STEER LOADERS

OMC 1700 Diesel	$5600
IH 4150 Diesel	$7300
Melroe 720	$6300
Case 1737	$4700
Gehl - As Is	$1900
Melroe 731D	$5800
Case 1740D	$4900

DOZERS

JD 350C 6 Way	$18,600
JD 430	$4800
Cat D8H	$24,700
Cat R2	$2600
IH TD7E 6 Way 1977	$19,600
Cat D4C	$12,700
IH TD6-62 Series	$5900
IH T6	$3400
Case 350B-6 Way-1979	$18,200
Case 350B-6 Way	$18 600

EXCELLENT SELECTION OF AFFORDABLE USED EQUIPMENT

FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT

NEW EQUIPMENT

	List	SALE
1 Gehl FC-72C Flail Chopper 6' Cut	$5800	$3000
1-NI 402 Hay Rake Parallel Bar	$2895	$1995
1 - Woods Rotary Mower RM500 5' 3 Blades	$1520	$1350
1 - Woods Rotary Mower M72 6' 3 Pt.	$1460	$1295
1 - Woods Rotary Mower M5 Dixie 5' 3 Pt.	$1000	$875
1 - Woods Rotary Mower M-4 48" 3 Pt.	$960	$850
1 - Woods Blade RB-6 3 Pt. 6'	$325	$295
1 - Century Trailer Sprayer CLG25 3P 25 Gal.	$917	$825
1 - Century Sprayer CLG506P 3 Pt. 50 Gal.	$752	$695
1 - Befco Rotary Tiller 42" 3 Pt.	$1262	$1095
1 - Herd Fert. Spreader 3 Pt. 750 lb. Cap.	$695	$650
1 - Lamco Tube Side Bale Body 18' With 8 Ton Elect. Wheel Running Gear with 11Lx15 8 Ply Empl. Tires	$2500	$2250
1 - Mitsubishi Trac. 25 HP 4 WD PS LPTO Dsl.	$9263	$8295
1 - Quick Attach Loader & Bucket (For above tractor)	$2889	$2650
1 - Mitsubishi 18½ HP Dsl. ¾ 3 Cyl.	$5950	$4300

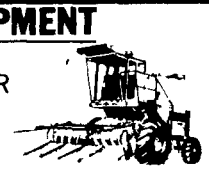
USED EQUIPMENT

1 - Chevrolet 1974 Pickup ½ Ton	$895
1 - AKTIV 3 Pt. 5' Cutter Bar Mower	$395
1 - Simplicity Garden Trac. 2 Wheel with Cultivator & Sickle Bar.	$150
1 - Bolens HD Tiller	$200
1 - Montgomery Ward Edger	$85
2 - Bolens Snow Blowers	$200 & $100
1 - Snapper Riding Trac. ES	$695
1 - Bolens 830 Rear Eng. Rider 30" ES	$795
1 - Brinley Disc O Hitch	$250
1 - Int. Cub Cadet 1250 Hydro.	$1595
1 - Bolens 1054 Trac. 42" Mower	$995
1 - 5' 3 Pt. Bushog Rotary Cutter	$400
1 - 14 HP Economy Power King Trac. 1978 w/3 Pt Hitch 48" Mower Deck Front Blade 12" Plow	$3295

CHAS. J. McCOMSEY & SONS
Hickory Hill, PA
215-932-2615

SPERRY NEW HOLLAND

USED EQUIPMENT



NH 1895 SP FORAGE HARVESTER Cab & Air, Cat Power Unit 12 Double Edge Underbeveled Knives, Metal detector base unit with 3 Row Low Profile Head And 880 Pickup head $29,950

NH L-325 Skid Steer Loader w/54" bucket **$5,975**

Gehl 99 Blower 3 yrs old	$1580
OMC Mustang Skid Loader	$2,580
NH 67 Baler	$750
518 Manure Spreader	$1975
NH 362 4 Ton Flail Spreader	$1075
Hawk Bilt 590 Gal. Tank Spreader	$1250
NH 467 7' Mower Haybine	
NH 355 Grinder Mixer 21" mill	$4250

New Pequea Tedders & Wagons
New Zimmerman Elevators

NEW EQUIPMENT IN STOCK

Call for special terms and prices.
9', 12' Haybines 488, 489, 495
Balers 311, 316, 320 & throwers
256 - Rakes
456 - Mower
Forage Harvesters 718, 782, 892
Blowers 25, 28
Spreaders, Crop Carrier, Wagon Gears

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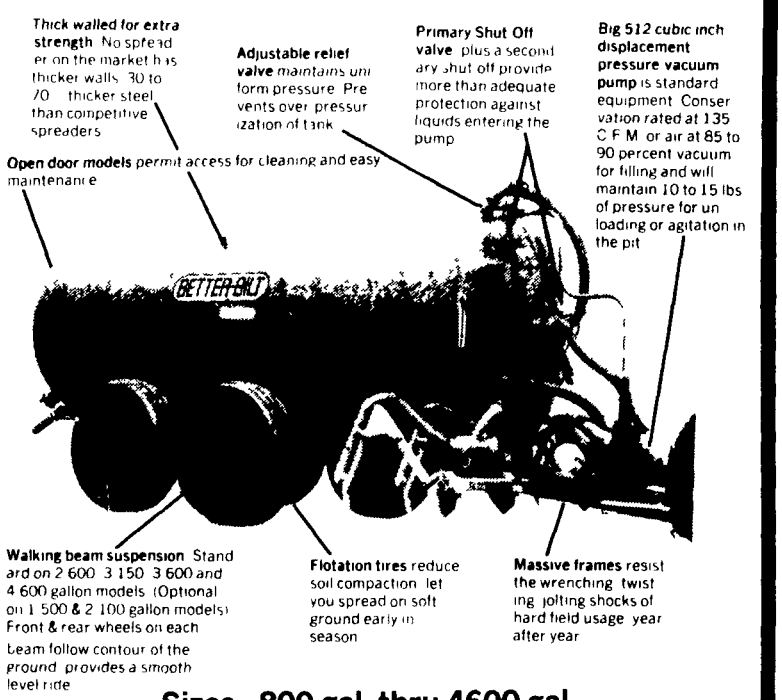
Outstanding Features


Thick walled for extra strength No spreader on the market has thicker walls 30 to 70 thicker steel than competitive spreaders
Adjustable relief valve maintains uniform pressure Prevents over pressurization of tank
Primary Shut Off valve plus a secondary shut off provide more than adequate protection against liquids entering the pump
Big 512 cubic inch displacement pressure vacuum pump is standard equipment Conservation rated at 135 C F M or air at 85 to 90 percent vacuum for filling and will maintain 10 to 15 lbs of pressure for unloading or agitation in the pit
Open door models permit access for cleaning and easy maintenance
BETTER-BILT
Walking beam suspension Standard on 2 600 3 150 3 600 and 4 600 gallon models (Optional on 1 500 & 2 100 gallon models) Front & rear wheels on each beam follow contour of the ground provides a smooth level ride
Flotation tires reduce soil compaction let you spread on soft ground early in season
Massive frames resist the wrenching twisting jolting shocks of hard field usage year after year

Sizes - 800 gal. thru 4600 gal.
Both vacuum & augermatic spreaders for truck mount or trailer type

SPECIALS

1 - Used Better Bilt plow down attach. to fit a 1500 gal. liquid spreader

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- Lagoon Pumps
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Buy now & finance with MF at a low 6 9% APR or choose waiver of finance charges to Feb 1, 1985 on selected used combines

- 1980 MF 760 Hydro V8 with 15 ft Grain Table and Grain Saver $52,000
- 1978 MF 550 Hydro Diesel with 4 Wheel Drive $36,000
- 1977 MF 750 Hydro with Grain Saver $26,000
- 1977 MF 510 Hydro Diesel $17,500
- 1976 MF 750 Hydro with Grain Saver $19,500
- 1976 MF 750 Hydro with Chopper $27,000
- 1975 MF 760 Hydro V8 $24,000
- 1975 MF 750 Hydro $22,000
- 1975 JD 3300 Diesel with 13 ft. Grain & 2 Row Corn Head $17,500
- JD 343 Corn Head 3 Row 30" $ 3,000
- 1975 MF 510 Diesel $17,000
- 1975 MF 760 Hydro V8 $24,000
- 1974 MF 760 Hydro 6 Cyl. $22,000
- 1973 MF 750 Gear Drive with Grain Saver $24,000
- 1973 MF 760 Hydro 6 Cyl. $21,500
- 1972 MF 510 Diesel Gear Drive $ 9,500
- 1972 MF 510 Diesel Gear Drive $10,500
- 1972 MF 300 Gas $ 8,500
- 1972 MF 510 Diesel Gear Drive $12,500
- 1971 MF 510 Diesel $12,500
- 1970 MF 510 Diesel $10,500
- 1970 MF 510 Diesel $12,500
- 1969 MF 510 Diesel $11,500
- 1968 MF 510 Diesel $ 8,000
- 1968 MF 510 Diesel Hydro $12,500
- 1968 MF 410 Gas $ 5,000
- 1967 MF 410 Diesel $ 5,000
- 1966 MF 410 Gas $ 2,500
- 1966 MF 300 Gas $ 3,500
- 1966 MF 510 Gas with Floating Cutter Bar $ 4,800
- 1965 MF 410 Diesel $ 4,500
- 1974 MF 300 Gas $ 8,700
- 1964 AC CII Gleaner with Corn & Grain Head $ 4,500
- 1960 AC A Gleaner $ 1,500
- JD 45 with Corn Head $ 1,500
- IH 303 with Grain & Corn Head $ 1,500
- MH 82 with 10 ft. Grain Head $ 1,200

Above Combines Include Grain Tables Less Corn Heads 61 Corn Heads in 2, 4, 6 and 8 Row Size

- New Idea 2 Row 30" Pull Type Picker Sheller $ 5,500

USED TRACTORS

- MF 4880 $55,000
- MF 1100 Diesel $ 5,500
- MF 1150 $ 6,500
- MF 255 w/Loader $ 8,500
- MH Pony Cultivator & Plow. $ 2,000
- Farmall M $ 1,800

USED EQUIPMENT

- NH 10' Offset Disc. $ 4,200
- Glenco 9 tooth soil saver $ 6,700
- White 216 plow $ 575
- Oliver grain drill
- Miller 10' offset disc $ 2,000
- Kewanee 18' hydraulic wing disc $ 3,200
- NH 707 harvester $ 1,400
- JD 1 row corn binder $ 600
- Fella hay tedder. $ 1,200
- JD 8' disc. $ 400
- Stanhay seed planter $ 800
- MF 345 416 spring trip plow $ 1,700
- MF 82 416 spring trip plow $ 600
- MF 3 pt. fork lift. $ 700
- MF 730 offset 13' disc $ 3,500
- Ontario 16 grain & fertilizer drill $ 900

NEW EQUIPMENT IN STOCK

- Century Sprayer
- York Blades
- Farmhand Rake
- Glenco Field Cultivator
- Dunham Cultimulcher
- MF auto reset 3 pt. 3x16" plow - special price $2,500

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USED COMBINES

Int. 10 Grain Head
Int. 125 w/Grain Head

USED TRACTORS

Allis Chalmers WD
Ford TW 10 w/1425 hrs.

USED EQUIPMENT

900 Badger Blower
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Huff Pay Loader
NH #518 Manure Spreader
Int. 510 Grain Drill 16x7 combination S.D., Nice
Gehl #710 Forage Box
Int. 400 Syclo 4 Row Corn Planter
Ontario Hoe Drill

NEW GEHL EQUIPMENT

G806 8 Ton Running Gear
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Four sizes to meet your needs

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Four models... 13 to 30 foot platforms

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- 1440 – 135 hp diesel engine and 145 bu. grain tank
- 1460 – 170 hp diesel engine and 180 bu. grain tank
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It can eliminate 40% of all your engine maintenance problems.

A Deutz AirDiesel is a true no-nonsense engine There are no troublesome components such as hoses, fans and radiators associated with liquid-cooled engines A Deutz is cooled by air and is engineered to save you up to 20% in fuel over other diesels
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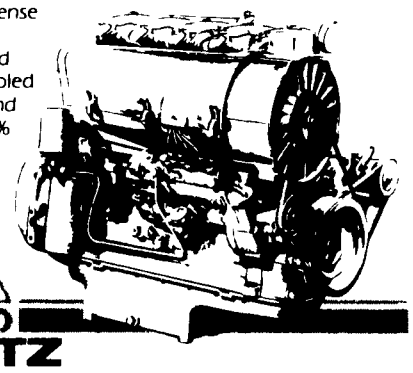

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90% of all multi-cylinder air-cooled diesels in service today are Deutz

Prices Of New Deutz Diesels Have Been Reduced To 1980 Levels. Check Deutz Prices First.

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USED EQUIPMENT

Coming In... **NH 1495 SELF PROPELLED HAYBINE, Hydrostatic Drive, Cab, Air**

HAY EQUIPMENT

N.H. 320 Baler w/Thrower
I.H. #37 Baler w/Thrower
N.H. 479 Haybine (nice)
N.H. 489 Haybine
I.H. 1190 Haybine (1 yr. old)
N.H. #70 Bale Thrower for 320 (Used 2 Seasons)
N.H. 495 Haybine
N.I. 456 Round Baler
Case 330 Baler

COMBINES

Gleaner KKS Combine (1976) w/10 ft. Grain Head
MF 300 Combine w/Cab & 10 ft. Grain Head
MF 300 Diesel w/10 Ft. Head And 2-Row Cornhead
AC 238 (2 Row) Corn Head
MF QT24 (2 Row) Corn Head
AC A430 4 Row Narrow Corn Head
M.H. 82 Combine w/ 12 ft. Header

FORAGE

N.H. #8 Forage Box w/234 Running Gear (Like New)
N.H. #707 Forage Harvester w/Pickup & Corn Head
IH 650 Forage Harvester w/Pickup & 2 Row Wide Head
NH 770 Harvester with P.U. & 2-Row Wide Cornhead
Brady 722 Flail Chopper
N.H. Super 23 Forage Blower
Badger 54" Blower, Like New
N.I. 324 w/12 Row Husking Bed (2 Row Wide Picker)

USED UNI EQUIPMENT

705D Uni Tractor Fully Wgted. w/Cab
702D Uni Tractor w/Cab
702 Gas Uni Tractor w/Cab
702 Gas Uni Tractor w/o Cab
767 Uni Super Chopper
760 Uni Chopper
(4) 766 Uni Pickup Heads
(2) 762-Uni (2 Row) Chopper Heads
774 Uni 4 Row Narrow Chopper Head
737 Uni Husker (Like New)
843 N (3 Row Narrow) Stripper Head
724 (3 Row Wide) Stripper Head
717 Combine w/13 ft. Grain Head
729A Sheller
713S 13 ft Flex Grain Head

MANURE SPREADERS

N.H. 519 Spreader w/2 Beaters
N.I. 218 Spreader w/Hyd. Endgate
N.I. 214/216 Spreader w/Flail Att and Hyd. Endgate
N.H. 365 Tank Spreader L.H (with like new chains & flails)
Hawk Built 257 Tank Spreader
Starline (Galv.) Tank Spreader
Hawk Built 187 Tank Spreader
N.H. 518 Spreader w/2B

USED TRACTORS

AC 7020 P.S. w/Cab & Air
I.H. 300 w/Torque

MISC.

N.H. 357 Grinder Mixer (nice)

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HESSTON CORPORATION

NI 802 Uni w/868 Harvester, 866 Pickup, 768 3 RC Head
Fox 6650 SP Harvester

HESSTON EQUIP.

1091 9' Windrower, $7,200 - $800 Rebate
1010 Hydro Swing
1014 +2 Hydro Swing
Kuhn 10' Disc Mower Conditioner
Kuhn 17' Tedder

USED TRACTORS

White 2-155 4 Whl. Drive 1982 500 hrs.
Oliver 77
IH 340
IH Super C
IH 154 Cub Lo Boy
Hough 25B Loader w/52" bucket
Case 430D
AC B
AC D17

USED HARVESTERS

Field Queen 7650 4WD 3 row head & pickup
MF 750 Combine 6R & 131 Grain Head
702 Uni
Fox 3310
Fox 2310 2 Row N & Pickup
Fox 900 1 Row
Fox 299 80" Flail Head
Fox Max 1 4 Whl., New Low Profile Head
NI 323 Picker, used 40 acres

USED EQUIPMENT

Hesston 4800 Big Square Baler $29,000
JD 220 18' Rock Flex Wing Disc
JD 15A Flail Chopper
IH #10 Drill
Glenco SS9 Soil Saver
AC 8 Row No-Till 20" Planter
Hesston 10, 30A Stacker
Kewanee 20' Field Cultivator
JD 216 Wagon, 3 btr & roof.
Grimm 7' PTO Tedder
NH 1495 Gas SP Windrower
Hesston PT10 Windrower
Gehl 910 Fg. Wagon, 3 btr. & roof
JD 2280 diesel 14' windrower
16' Bale Thrower Wagon
111 JD 12' Disc Harrow
EZ Trail Bin Wagon
NI 214 Spreader
NI 212 Spreader
Hesston 3-Row Narrow Head
Fox 3-Row Belt Head
Fox 2 RN Chain Head

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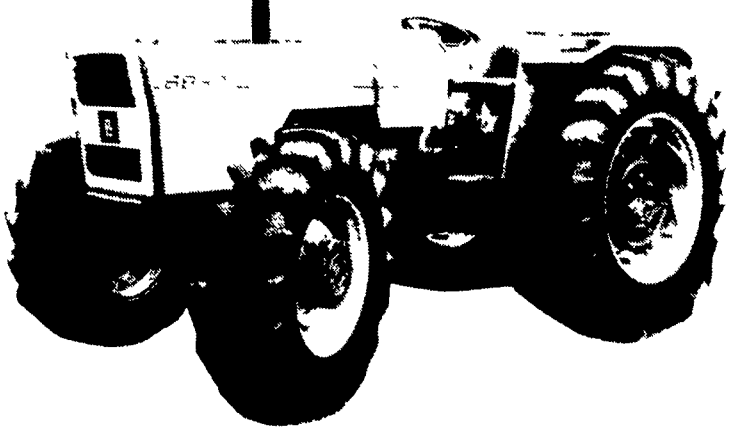
Introducing the new Landini line!



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42-122 PTO HP

NOW EVERY FARMER CAN AFFORD AN ALL-WHEEL DRIVE UTILITY TRACTOR.

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90 HP, 250 CID Turbo Charged Deutz Air Cooled Diesel Engine. Low Hood Profile. Short 92 In. Wheel Base. 15 Speeds - All Synchro. Disc Brakes. PTO 540/1000 RPM. Hydrostatic Steering. Bottom Link 3 Pt. Sensing. AWD Version Is Center Drive, Automatic Locking Differential Plus Short Turning Radius.

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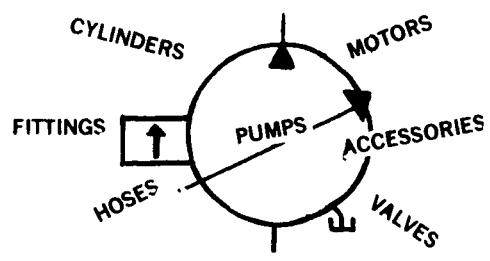
HYDRAULICS
New & Used



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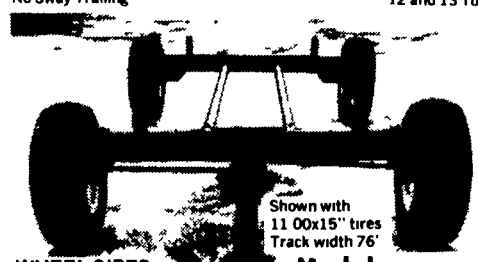
FOUR 4 WHEEL MODELS

HORST WAGONS with the honest ton rating and No Sway Trailing

7 9 10 and 14 Ton Two 6 Wheel Models 12 and 13 Ton

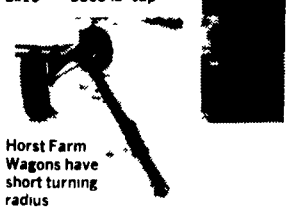


Shown with 11 00x15" tires Track width 76'

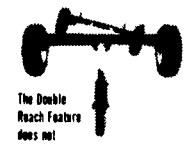
WHEEL SIZES

6x15	3000 lb cap
6x16	3000 lb cap
8x15	3800 lb cap
8x16	3800 lb cap

Model No. 180 - 9 ton
Wide Track Heavy Duty Wagon
Ideal for Forage Box and other applications
25 years of field service have proven the Double Reach Feature
It eliminates the problem of bent reaches All models have Taper Roller Bearing Tongue Mount and Ball in Socket Rod Ends
A proven feature for long life no sway trailing



Horst Farm Wagons have short turning radius



The Double Reach Feature does not cause any problem about flexibility

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8 hp I.C. 195436	$241		

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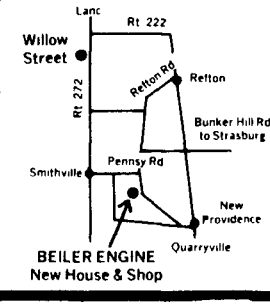

LOST CREEK IMPLEMENT
Oakland Mills, PA 17076
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JOHN DEERE

COMBINES
Gleaner F w/13' platform & 430 corn head, AC, sharp
750 MF w/14' platform, air cond., hydro, good
6620 JD level land w/13' head, 1 yr. old, 500 hrs., like new.
New 4420 combine
New 6620 side hill combine
Used 443 corn head, late style
Used 444 corn head, very good
Waiver on New & Used

GREEN VALUE EQUIPMENT

USED TRACTORS
JD 50
9N Ford
MF 65 tractor, good condition
15 HP Satoh Beaver diesel, 4WD, $2,900
04 International Harvestor - collector item, $1,100
(3) JD B tractors, all nice, $1,000 each
Farmall C w/mower, plow and front blade
Farmall H

TILLAGE - Reduced
JD 145 plow, 5 btm. 16", exc., $2,500
JD 1250 4 btm , 16" integral $1,200
JD 145 4 btm., 16", very good
Case 4 btm., 16", semi-mounted, $950
IH 401 harrow hyd control, very good, $595
JD 12' drag harrow, $525, good
18' transport harrow
MF 3-14" mounted plow
JD 2 btm. trail plow
JD BWA disk harrow 12'
JD 125 4-16 mtd. $795
JD 2 btm. mounted plow

DRILLS & PLANTERS
IH 56 4 row insecticide, nice, reduced to $1,300
JD 494A 4 row
4 Row Oliver-White 540 planter, dry insect disk
JD 17x7 FB drill, very good
JD 246 3 pt. hitch planter

HAY & FORAGE
JD 1209 mower conditioner, 3 yrs old, excellent
NI forage blower $795
IH 440 baler w/thrower, $3,000
JD 38 forage harvester w/2RC
JD 800 SP windrower, 10', good condition, $2,750
NH #8 Forage Wagon w/8 ton running gear w/3rd beater & roof, excellent
IH 110 forage wagon, good, $2,000
JD 16A flail chopper, very good
NH 616 Harvester w/2 heads
Ford 3 pt. hitch mower
NI wheel rake
JD 483 mower conditioner

SPREADERS
(2) 512 NH w/hyd. End Gate
NH Tank Spreader, $950

MISCELLANEOUS
JD 227 picker for parts
96" bucket for 145, 146, 148, 158 loader
NH Pull type fertilizer spreader, $395
Manure Forks, fits skid steer loader

20 Used Lawn & Garden Tractors

TRACTORS
- 3159 IH 656 w/loader
- 2871 IH 1466 w/cab, new paint
- 1616 IH 1066 "black stripe"
- 5163 IH 1086 w/cab
- 5278 IH 826
- 5415 IH 544G
- 5306 J.D. 4430 w/cab
- 2845 JD 4430 w/cab, duals
- 2755 MF 1805 4WD duals
- 5170 NH 775 skid steer loader

COMBINES
- NH TR 70
- 3047 JD 7720 w/4WD, chopper
- 5120 JD 7720 w/4WD, chopper
- 3053 JD 7700 w/chopper
- 3059 JD 7700 w/chopper
- 2622 JD 7700 w/chopper
- 3057 JD 7700 w/chopper
- 3058 JD 7700 w/chopper
- 5447 IH 1480
- 3180 IH 1460 w/cornhead, platform
- 2108 IH1480 reconditioned
- 3094 IH 915 w/platform

GOOD SELECTION OF CORNHEADS AND PLATFORMS

MISC. EQUIPMENT
- 5487 NH 280 Baler
- 5484 IH 2001 Loader
- 5402 N.I. Rake
- 5394 Dunham Lehr 4 Row Cultivator
- 5373 Ag-Chem 500 Gal. Poly Tank
- 5352 IH 500 Disk
- 5340 JD 230 Disk
- 5291 Rhino 20' Flex Wing Mower
- 5277 IH 55 chisel plow
- 5312 IH 295 planter units
- 5313 15' solid wheel packer
- 5314 IH 470 Disk
- 5272 Miller 14' Offset Disk
- 1550 AC 2300 disc hyd. fold 20'
- 3111 Agrotec 200 gal. 30' sprayer
- 1657 Case K23 disc harrow 24'
- 5121 Dunham-Lehr 29' crowfoot packer
- 5117 Ferguson chisel plow 13 shank
- 5419 JD 22 Shank Chisel plow
- 395 Glencoe 14' soil saver
- 2202 IH 470 disc 18'
- 2763 IH 620 tandem full press drill
- 3098 IH 5100 drill w/dual hitch
- 5006 IH 440 baler reconditioned
- 5026 IH 1190 mower conditioner
- 5152 IH 200 cultivator
- 2872 JD 7x18 double disc drill
- 5083 JD 230 disc 24'
- 5045 Krause 2143 disc 42'
- 5457 Krause 2413 Disc 23'
- 2762 MF 7x18 drill
- 1512 Miller 8500 offset disc 26'
- 1385 Sunflower G-3-20 offset disc
- 2375 Tebbin sub-soiler
- 5241 Wil-Rich 2400 MP Plow, 7 Bottom
- 5216 NH 479 Haybine
- 5164 NH 479 Haybine
- 5381 NH 479 Haybine

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(302) 378-9555

INTERNATIONAL® AGRICULTURAL EQUIPMENT

RED HOT JULY SPECIALS

	LIST	JULY SALE
IH 3688 w/cab & air, (demo)	$47,308	$27,650
IH 428 Baler w/flot. tires & thrower	$ 9,900	$ 7,850
IH 1190 Mower Cond., 9'	$ 9,859	$ 6,950
IH 130 Forage Box, roof & 3rd btr. & 12 Ton tandem running gear	$ 9,091	$ 6,150
IH 781 Forage Harv. w/hay pickup & 2 hds.	$18,075	$14,500
IH 881 Forage Harv. w/hay pickup & 2 hds.	$20,375	$15,500
IH 1250 Grinder Mixer, 105 bu.	$ 8,023	$ 6,250
IH 40 heavy duty 8' blade	$ 1,300	$ 985

USED TRACTORS

IH 1486 w/cab and rad tires.	$24,500	IH 966 D hydro w/cab	$12,500
IH 1086 D w/cab	$22,500	IH F350 w/fast hitch (nice)	$2150
IH 986 w/cab & duals	$19,500	IH C	$1250

Waiver of finance until 9-1-84

USED HAY AND FORAGE EQUIPMENT

IH 46 w/thrower	$850	Lamco 16' forage box w/roof	$1850
IH 37 baler w/thrower	$1800	IH 56 forage blower	$750
NH 33 flail chopper	$950	IH 45 conv blower	$100
IH 650 forage harv , w/hds.	$1250	IH 80 pull combine	$2000
JD 34 forage harvester w/2 row head	$1500		

Waiver of finance until 9-1-84

USED TILLAGE

JD 1350 4F-18", HC plow w/cylinder	$2500	IH 540 4F-16" plow	$1350
IH 531 3-F 14" mtd. plow	$475	IH 550 5F 16" plow	$1250
IH 710 5F 18" auto. plow w/cyl	$3950	IH 710 5F 16" plow w/cyl.	$2250
IH 440 3F-16" 3 pt. plow (nice)	$1250	IH 475 20' wing disk harrow w/cyl	$4950
		IH 311 3F-14" 2 pt. plow	$350

USED PLANTERS & DRILLS

IH 510 S.d. 16x7	$3500	IH 400 4 row 38"	$950
IH MF S.D. 13x7	$300	IH 400 6 R 30" Planter w/insect. and cou-till	$2750
McCon. Ont 16x7 d d	$1250		
IH 56 4 row	$950	Waiver of finance until 5-1-85	

SPREADERS AND MISC.

NI 214 spreader w/hyd. endgate	$1850	5th Wheel Steer Wagon chassis w/elec brakes and tires	$450
Portable loading ramp (for cattle)	$200	Little Giant 38' elevator w/motor	$1250

MIFFLINBURG FARM SUPPLY, INC.
Route 45 East, Mifflinburg, PA 17844
Phone: (717) 966-3114
Evenings - 717-524-2924 - Frank Saner

PARTS VALUE OF THE MONTH

Get a FREE chain wear gauge

Come in and get a free chain wear gauge Use it to check the wear of your combine chain—*without* removing the chain There's no handier way to determine whether you're ready to harvest

...and save up to 24%

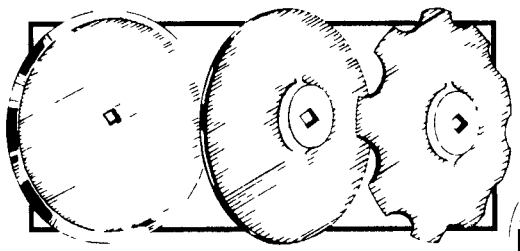
off regular IH suggested list prices

HARVEST OF VALUES

Make an important savings—up to 24%—during our Harvest of Values Parts Value of the Month Sale We've made significant price reductions on popular belts, roller chain, plus many parts and supplies you'll need for the harvest season

PARTSMART

INTERNATIONAL HARVESTER



IH DISK HEADQUARTERS!

EARTH METAL

EARTH METAL DISKS:
60% Stronger!
20% Longer Life!

C-shape bearing standards Allow gangs flex to ride over obstructions

IH 496 FLEX WING DISK HARROWS WITH EARTH METAL DISKS!

New....
22'2" - 7½" Spacing, Cushion Gang - Model 496

- 18'7" - 7½ Spacing, Cushion Gang
- 19'1 SOLD 9" Spacing, Regular Gang
- 22'9" Spacing, Cushion Gang

WAIVER or CASH REBATES ON DISK HARROWS TIL 9/1/84

CALL US FOR IH DISK HARROW PARTS IN STOCK!

IH GRAIN DRILLS

• In Stock - Ready For Delivery •

Trailer Load Just In!
16x7 Plain
18x7 Plain
20x6 Plain
24x6 Plain

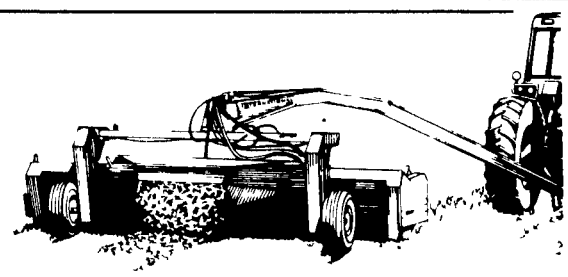
★ WAIVER TILL 5/1/85!

TILLAGE EQUIP. IN STOCK!

415 Packer Mulchers, 12'2, 13'2, 14'2 & 21' In Stock
No. 14 Subsoiler, Auto Reset, 5 Shanks
IH 4600 Hyd. Folding 26' Field Cultivator-Demo Avail.

INTERNATIONAL HARVESTER

1490 MOWER CONDITIONER IN STOCK!



12 Ft. Cut with 9 Ft. Conditioning Rollers

★ Call For A Free Demonstration ★

TRACTORS, COMBINES & EQUIPMENT 3% DEALER ALLOWANCE AVAIL. DURING JULY!

INTERNATIONAL HARVESTER

WAIVERS or CASH REBATES NOW AVAILABLE...

New Ag Tractors	Til 1/1/85
New Combines	Til 9/1/84
New Planters And Cultivators	Til 5/1/85
Field Cultivators & Packer Mulchers	Til 3/1/85
Hay Equipment • Extra 8% Discount For July Purchases	Til 9/1/84
Materials Handling	Til 11/1/84

CALL NOW FOR OUR SPECIAL PRICES!

- 884 Row Crop
- IH 4600 Hyd Folding 26' Field Cultı Transport w/13'9-Demo Avail
- 3288 D w/Rops
- 15 Rear Blade, 3 pt
- 20 Rear Blade, 3 pt
- 5500 11 Ft Mounted Chisel (Demo)
- 735 6-Btm Varı-Width-8%
- 1350 Grinder Mixer-Special Price!
- 881 For Harv w/Heads
- 781 For Harv w/Heads
- 595 Spreader
- 560 Spreader
- 183 4-Row Cultivator Narrow & Wide Available
- (2) 963 Cornheads
- IH 3450 Round Baler
- 35 Hyd Drive Hay Rake
- 375 10 Ton Tandem Wgn Gear
- (2) IH 1420 Combines - Demo Allowance Available
- 810 1 SOLD leader, Demo
- 810 13 Ft Header

ALLOWANCES ON TRACTORS UP TO $6,000 PLUS WAIVER OR CASH REBATE!

- ★ IH 884 R/C-Rental Unit
- ★ IH 784 & 684 R/C
- ★ IH 3088 ★ IH 3288 w/ROPS-Rental
- ★ IH 3688 w/Cab
- ★ IH 5288-Rental Demo-Special!
- ★ IH 5088 w/18.4x38 Duals
- ★ IH 5088 w/20.8x38 Radials

IH 6788 TRACTOR
4 Wheel Drive, 160 + HP,
18.4x38 Duals...
12% DEMO DISCOUNT
Plus Waiver or Cash Discount

USED EQUIPMENT

TRACTORS: (Waiver to 9/1/84 or Cash Rebate
- IH 806, 3 pt Hitch, Wide Front, TA, $5,500 (No Trade)
- (2) IH Farmall "C"
- Farmall Super C w/Fast Hitch & Cult
- Farmall 300
- Farmall 400
- Int F12 w/cult
- IH 105 w/42" Mower
- IH 966D w/Cab
- IH 806 Diesel, Wide Front, TA, Fast Hitch
- IH 450 Gas, wide Front — $2250
- IH 404 Low Utility, 3 pt Hitch, w/Mott Mower & Snowblade
- MF TO-20 w/Turf Tires
- MF 33 w/3 pt Hitch
- MF 65 Diesel w/MF Loader
- IH 240 w/Fast Hitch

MISCELLANEOUS:
- New FMC DO-10E 200 S, Electric Start Trailing Sprayer, 200 Gal Stainless Steel Tank w/10 GPM Pump — $3,150
- McCurdy 20' Trailing Harrogator — $1,300
- SIMMS Cab & Roll Bar En closure for 574 Series Tractor — $750
- Melroe No 600 Rock Picker
- IH 80 Snowblower, Like New!
- (5) Cushman Golf Carts — $250 ea , in running cond , Also 2 for parts, not run ning, $150 ea
- IH 1600 Truck w/9' Dump & 9' New Midwest Body — $4250
- Athens 15' Bat Wing Mower (In Stock)

MATERIALS HANDLING:
- Front Mtd Forklift for 20 Series JD Tractor
- Farmhand Loader for IH 74 Series Tractor
- 7x14 Dump Wagon w/Midwest Hoist-Real Nice!
- MF 711 Skid Loader w/Bucket

PLANTERS: (Waiver on Gr. Drills to 5/1/85)
- JD 7000 Conservation, 6 Row, Liq. Fert , Like New—Field Ready
- IH 2-Row Fast Hitch
- IH 2-Row Trailing
- IH 455 4-Row
- IH 658 6-Row Narrow Dry Fert
- 4 & 6 Row Cyclos, Field Ready!
- JD 1240 Plateless, Liq Fert , 30" Rows w/DEMCO Squeeze Pump — Nice!
- JD Van Brunt 13x7
- JD 15x7 Drill, DD, Comb
- IH Fast Hitch, 2 Row Cult , Like New
- IH 200, 3 pt Hitch, 2 Row Cult , Like New
- 8' Brillion Packer Seeder, w/2 Boxes

TILLAGE:
- Athens 11 Ft Chisel Plow, 3 pt Hitch
- Brillion 16' Single Packer, Like New
- Pittsburg 11'6" Disk
- JD KBA Disk 9' — $750
- JD KBA 12' Disk
- JD 2500 7-Bot On Land Auto Reset Plow
- IH 37, 35 In Various Sizes
- Oliver 4-Bot Semi-Mtd Plow
- IH 440 4-Bot Plow
- IH 645 Vibra Chisel, 13½' Trailing
- IH 45 Vibra Cult , 12½ Trailing - $1,250
- IH 45 Vibra Cult , 13½' Folding
- AC 1-Bot Trailing Plow
- MF 520 20' Folding Disk
- Vicon 10' Power Harrow — Was $2,500 — Now $1,800

LAWN & GARDEN:
- IH 72 Cadet w/Mower
- IH 105 Cadet w/Mower
- IH 1000 w/38" Mower
- MF 340 Snowmobile, Good Shape — $750
- Dayton 10 HP w/Blade and Mower — $1050

HAY & FORAGE EQUIP
- IH No 51 Forage Wagon
- IH #5 Flail Chopper, Direct Throw
- 33 NH Flail Chopper
- IH No SOLD ower
- NH No 26 Blower
- Gehl FBB 88 Blower
- Gehl 99 Hi-Throw Blower, nice!
- 550 IH Chopper
- NH 36 Crop Chopper
- 1014 Hesston Mower Cond
- NH 269 Baler w/o Thrower
- IH 27 Baler w/Thrower
- IH 420 Baler w/o Thrower
- IH 440 Wire Baler w/Thrower
- (2) IH No 10 Bale Throwers
- Grove Bale Wagon
- 5026 Elec Wheel, 8 ton Gears
- IH 25B Mower for H or M
- IH Direct Cut Head For 15 or 16 Chopper
- IH 40 Shredder — Nice Shape!
- IH No 14 Rake
- NH 90 Roun[illegible] Carrier Like Ne[illegible] SOLD

COMBINES: (Waiver to 1/1/85)
- 715 Diesel Hydro w/13' Floating Cutter Bar and 744 Cornhead
- AC Model C2, 12' Hd , 4-Row Wide - Rough Cond — ~~$2,000~~ Now $1,800
- MF Model 300 Gas, 2-Row Hd , & Platform - Rough Cond — ~~$1,200~~ Now $1,100
- (2) 810 13' Cutter Bars
- IH 1460 (1980 Model) w/963 Cornhead — 1100 HRS , Like New!
- 715 D Hydro [illegible]76 Model, 820 15' Cut SOLD Bar — Real Nice
- JD 4400 1977 Model w/213 Floating Cutter Bar & 443 Cornhead, 1355 Hrs
- IH 315 Hydro w/12' Platform, Field Ready, w/PU Wheel & Hyd Lift
- IH 315 Hydro (For Parts)
- IH 403 w 4-Row Wide Head & 12 ft Grain Platform
- IH 844 C[illegible] SOLD d
- IH 315, 2-Row Wide Head
- IH 227 Cornhead, fits 315, 205 or 203
- IH 234 Picker w/Husking Bed, Mount for 656 Farmall
- Set of Tires & Rims for 1420 Combine - 23x134 Rice tires

We Ship Parts UPS, Parcel Post - Same Day! Call For Stock Items

★ Northwestern Skid Loader - Model S71 Gas - Demo, In Stock SOLD Special Price!
Special Price On Diesel Unit Available On Factory Order - Call For Price!

ERB & HENRY EQUIP., INC.

New Berlinville, PA. 19545
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- ★ Farm Bilt Hay Wagons
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- ★ Woods
- ★ Deutsch-Fahr Tedders In Stock
- ★ Grasshopper Mowers
- ★ Vicon Spreaders
- ★ Trailblazer Foam Markers
- ★ Myers Forage Wagons

XL

We're An XL' Dealer!

FOR SALE
30' Stormore Storage Bin with roof vents and aeration fan.
Approx. capacity 12,500 bushels. Tear down and remove from premises and save money

Call
TAM AGRI CORP.
Dillsburg, PA
717-432-9738
for details

case

TRACTORS
- Case 995
- Case 430
- Case 870
- Oliver 500
- JD 2630
- White 2 105 Tractor
- Ford 3000
- Ford 8N w Loader
- Ford Jubilee

LOADERS
- Case 1737 Skid Loader
- Case 1740 Skid Loader
- Case 1816 Skid Loader
- Case 450 Crawler Loader
- Case 450 Crawler Dozer
- Int 3200 Skid Loader
- Dunham Lehr 22 Loader

TILLAGE
- Brady 13 Field Cult
- Case Disc Harrow 10
- Oliver 2 Bot Trailer Plows
- MF 3 Bot Plow
- Ford 2 Bottom Plow
- 3 Pt Disk
- Used Cultipacker

HARVESTING EQUIPMENT
- Hesston 2000 150 Harvester
- Case 600 Combine w/3 Row Head
- NI Unisystem 702 Tractor, 702 Diesel, 710 Combine & 760 Harvester
- NI 709 Uni System
- NI 316 Husker
- NI 315 Sheller
- NI 729A Sheller
- NI 767 Super Chopper
- NI 735 Cornhead
- NI 323 1 Row Corn picker
- NI 325 2 Row Corn picker
- NI 324 2 Row Corn picker
- Case 300 Harvester
- NH 717 Harvester
- Gehl 1200 Harvester w/pickup and 2 row cornhead

HAY EQUIPMENT
- NI 279 Cutditioner
- JD 1209 Windrower
- IH 1190 Windrower
- NH 479 Windrower
- Hesston PT 10
- Hesston 1090 Win drower
- Bale Thrower Wagon
- Case Hay Rake
- NI 404 Wheel Rake
- NI Hay Rake
- NI 456 Round Baler

MISCELLANEOUS
- IH 400 Corn Planter 8 Row
- 4 Row Cole Planter
- 6 Used Spreaders
- NI 218 Spreader
- IH 275 Spreader
- Weaverline Cart 24 Bushel

SPECIAL
• 8 USED WINDROWERS!
Van Dale
ST 100 MIXER
New Scale and New Bottom

ZIMMERMAN'S FARM SERVICE
Bethel, PA
Phone 717-933-4114

Tractors & Equipment Just Traded & Purchased - New JD 4440 SG, Cab, PS; New JD 4440 SG, Cab, Quad; Used JD 4440; C.A PS, original, real nice; New JD 6- row conservation planter w/liquid fert., inst., & monitor; Price for $12,900. New JD hay pickup head, $1,700; JD 4450 C.A. Demo; JD 4030 SG, Cab, Air, Quad, real nice; JD 4020 w/WF, 2 valves, new motor & original paint; JD Loader; 4430 CAQR. JD 5020 w/Dual Wheels, JD 4320 w/cab; Farmall 186 Hydro Cab & Air; 706 Gas WF, TA, FH. Original. IH 3788 2+2 used 700 hrs.; IH 3588 2+2 w/800 hrs.; Farmall 656 D, WF, TA, motor rebuilt; White 4-150-4 WD for $11,900; JD 4020 side console, Farmall 656 Hydro D., real good, Case 1030 D New MC, 9 ft. cut/ditioneer, $4450.00; New MC 7' for $3900.00; Used NI 279, cut/ditioner; Used NH 477 & 467 7' Haybines; JD 410 Round Baler; Int. 400 4 row cyclo planter w/no-til; Brillion 21 ft. hyd fold cultimulcher; Oliver 4xsp. reset plow; Case 1537 Skid Loader.

Late model JD 1209 Haybine.

Hay Equipment Specials Haybines. Used Hesston 1014 Hydro; Swing, 12'; NH 495 12'; Int. 990 9' late model w/2 rubber rolls; JD 1209 for 2000, Int. 1190 for 2475. New NH 489; NI 7' cut/ditioner.

MC 9' rotary scythe, $1250, NI 279 cut/ditioner, $1500, NI 7' cut/ditioner, $1200 & Up.

Int. 990, $1250.00.

Balers: NH 280, NH 269, (SOLD).

NH 269 w/thrower for $1375.00.

NH 320 w/Thrower for $5750; Int. 37 w/Thrower, $875, (SOLD).

NH 67 w/thrower, $875, (SOLD).

NH 320, looks like new; also new #70 NH Thrower. JD 466, a real nice big baler. Used NH 258 rake w/whl. Used NH 256 Rake; Ford sickle mowers, (SOLD); JD rake w/dolly whl., (SOLD).

JD 346 Wire Baler w/thrower; JD 336 Twine w/no thrower, NH 273 w/thrower. (Financing Available on Combines & Tractors).

(Combines on our lot)

JD 6620 Side Hill, fully equipped, used 400 hrs., like new w/643 C.H.

Used J.D. 6620 Hydro w/heads

Used JD 6620 side hill fully Eq. w/215 flex & 643 C.H.

New JD 4420 fully equipt. 443 C.H. Used NH TR70 Hydro w/15 ft. flex & 6 row; Int. 1460 axial flo w/grain & 6 row; White 9700 rotary w/4 whl grain and 6 row C.H. 1977 JD 4400 Dsl. cab and air real nice; 1975 JD 6600D rotary screen, good cond. 1976 Int. 715D, w/air & 13 ft. grain, field ready, never used in corn. 1977 Gleaner L2 hydro w/6 row C.H. 1976 Gleaner FD w/C.A. and 2 heads, 1976 Int. 915D w/810 grain head. 1979 MF 550D, excel. w/grain and corn heads. 1975-MF 510D hydra. w/grain and 43 corn heads.

MF 410 D. w/cab & Q T. Grain head.

MF 510D w/cab, Quick Tach grain Sale Price $5850.

1968 Gleaner CII diesel w/cab and 4 row C.H.; JD 6600 Side Hill Combine - Nice; JD 7700 D w/grain & corn head.

1969 MF 510D, cab & 2 heads for $9500.

MF 300 w/cab & 2 heads for $2900.

1969 JD 55 sq. back corn special w/cab and 2 heads; Int 715 gas w/cab, 810 grain Int. 810 13 ft. floating cutter bar.

1976 MF 510, real nice.

1972 Gleaner F w/grain & 4 row C.H.

Int. 105 w/cab 10 ft. grain and 2 row C.H.

Gleaner E III w/cab.

AC 90 pull combine.

NI 702D w/cab w/chopper and 2 row C.H. $6250. 702 w/729 A sheller.

We have 4 N.I. Uni 729A shellers from $1500.

TRACTORS AND EQUIP. JUST PURCHASED, New JD 4240 C.A. and P. Shift, JD 4620 w/cab and new tires, real nice, JD 4640 C.A. PS 20x38 tires w/Dual Wheels fully equipped, 800 hrs., like new, $35,800.00; JD 2940 w/300 hrs., Used JD 2640 w/Hi-Lo dual hydraulic, $9875; JD 2010 gas 1775, Farmall 1086 C.A., $17,800; Farmall 886 w/cab and 18x38 tires like new, Farmall M, Super A w/2 Way plow, Cult.; Snow plow, Fully Eq., excel. cond.; Case 930D, original, Case 1030D, JD 3020 S.C. P.S. WF, JD 3010 gas, MF 180 Diesel, (SOLD); New A.C. 8050 P.S. w/radial tires list 56, cost 44, our price $34,850 - MF 184 4 whl. drive, MF 1080; used JD 4440 C.A. Q.R. looks like new, $26,500.

Just Traded JD 4430 CA QR-nice.

Used JD 4040 w/R.G. and QR- nice. JD 4630 cab, air P.S. w/front whl. drive; JD 6030 C.A. Duals all original; Farmall 1586 C.A. real nice; Farmall 1486 C.A. w/radial tires, real nice, one local owner; 1086 C.A. original, Int. 784 utility D, 1066 Hydro original, Farmall 706 gas WF and 3 pt., 766 original, NI 325 picker w/sheller like new. NI 325 picker w/12 roll bed; N.I. 324 picker w/12 roll bed; Case 1370 C.A. PS - factory duals and full wts., $13,500.00

NI Combines Just Dealt. NI 717 combine w/13 ft. grain; NI 738 4R N CH; NI 10 ft. direct cut head; NI 3 row 30" silage head.

NI 713 Q Tach grain head.

MF 1135 CA MP real nice. Farmall 1468 C.A. $8850.

Farmall 886 w/R.G., 560D w/F.H. Nice 756D WF and F.H. nice original, 756D WF 3 pt. Farmall 806 gas WF real sharp. INT. 656 utility D, nice original Farmall 450 w/2000 loader.

Int. 574 utility D, w/new tires, Int. 504 utility D w/2000 loader.

Farmall 460 gas TA, FH for $1975.00.

Used NI 323 1 row picker $2150.

AC 7010 C.A., P.S., 20:8x38 tires, full wts., light package looks like new.

Farmall 656 gas; JD 730 D, nice. JD 620 w/PS.

Rakes: new NH 256 for $2100.

Used NH Tandem Rake Hitch; Used NH 479 haybine w/poor rools, make offer.

Int. 61 Forage Wagon, (SOLD).

JD 216 Forage Wagon w/tandem axle & roof; JD 714 Forage Wagon.

New Holland 1012 and 1010 Bale Wagon

JD 3020 Tri D. JD 4020D W.F., D.L. and 2 values w/cab. JD 4020D W.F. P.S., JD 6030 C.A. real nice, JD 3010 Tri Gas, Farmalls 1586 4 post R.G. w/duals, 1086 w/cab, 1206 extra nice.

Int. 606 w/loader, MF 175D w/R.G.

JD 4020 D., W.F, P.S. and diff lock) (Harvesters) NH 890 w/3 row 30" C.H. 2 row snapperhead and pickup head. JD 243 snapper head. Forage Wagons.

JD 216 - tandem axle. NI 325 picker w/12 roll bed, JD 237 mtd. picker and sheller.

(New) NI 323 cornpickers at old price.

New NI 324 2 row picker.

Used Fahr rotary 7 ft. haybine. Glenco SS9 Soil Saver, JD 210 14 ft. Disc, Hesston #30 Stakhand.

CHISEL PLOWS- new Ford 13-ft. 3 pt. w/gauge whls.

Used Grim 4 star hay tedders.

Used Grimm Hay tedders, (SOLD).

Used NI 279 Cutditioner, 2 NI 272 cutditioner, NEW NI 406 rake w/front whl, $2275.00.

Grinder mixers, NH 357 for $3850, JD 700 Grinder Mixer, like new. (Just Traded) N.I. 702 uni w/729A sheller and 743 3 row Q.A. corn head, real nice and field ready.

New AC 7010 w/20 sp. trans. JD 4020 S.C. w/cab. MF 1135 w/cab. Farmall 350 w/P.S. and F.H.

Farmall M Diesel w/PS; M& W PTO Superb Trans. & Dual Hydraulic Farmall Super A w/Cult. Farmall A w/Cult.

We have 3-Farmall M's & 3 Farmall H's.

Balers - JD 410 Round Baler; JD 500 Round Baler. NH 280 w/hydraulic tension and thrower, (SOLD); New Idea #456 round baler.

TRACTORS & EQUIP. Farmall 1566 w/cab and duals, Used White 2-105 w/roll guard, (SOLD).

Case 1410D, nice.

Cub 185 Loboy Cub 184 w/3 pt. & mower, like new; Cadet 1650, 682, 128, 125; JD 317, 314, 210, 112.

New John Deeres 4240 cab & air Q.R. for $30,000; New JD 4440 C.A. QR w/radial 20x38 tires for $36,250.00. Local trade ins - Used JD 4230 CA QR, 4020 side console; Equipment - JD 1209 Haybine.

Corn Heads JD 643, 444, 244, 243, 843, 343, 443, 313 for 45C, 235, Massey Ferguson 1163, 1144 like new, 63, 43, 44, 24, 222, 422, Gleaner L438, F430, F438, K238, F335, F330, M430, K330, Int. 863, 864, 844, 744, 843, 227, NI 4 row 40" heads, Case 4 row 40", MF 44 & 43 Lo Profile, NH 4 row 38" C.H New JD 444 $7350 reduced to $6875. JD 443 used 2 seasons; Gleaner A430 used 4 years. 60 corn heads on lot. NI 738 and 728 4 row 30"

New Int. 810 13 ft. grain head.

Used Gleaner L2 grain heads, (SOLD).

Used JD 215 Flex Grain Head; Used JD 13' Grain Head.

K 10' grain head

2 used MF 63C Corn Heads to pick from. 4 used #810 Int. 13 to 16 ft. reg. and floating heads.

(New Farmalls) 5088 C.A. for $34,850 New 3688 fully eq., $30,800.00. Reduced to $30,000.

(Used Farmalls) 966 original, 1206 real nice, Used JD 4230 w/R.G. We have 4 JD 4020 side console diesels. 1970 JD 5020, $6950.00; Ford TW20 w/cab w/220 hrs., damaged.

Case–Used 2590 Fully Eq., Cab Air, PS, Dual Whl., 900 hrs. for $22,900; Used Case 2090, CA, PS, like new.

Case 1490 w/Front Wheel Drive & Loader, like new, 1370, 1070, 1030.

AC 220 original w/1700 hrs. for $8,850; Case 1410 original for $7,500; JD 4230 w/Rops for $12,800; 1971 JD 3020 SC, PS, DL, +2 valves.

TRACTORS - Farmall 544 gas W.F., Farmall 706D WF & 3 pt.; NI 324 picker w/super sheller used 80 acres.

1971 JD 4020 original; Case 1070 P.S. $6975; JD 4010 Tri D, Farmall 766, New Holland 770 w/2 row 30" C.H.

Long 910 D.

Long 445 D w/PS & turf tires, nice.

CULTIVATORS - New Case 3 pt. 8 row Hydro fold. JD 4 row & JD 6 row rear.

CORN PICKERS - New NI 325 w/12 roll for $11,800, used N.I. 325 w/12 roll bed current model. Used (2) N.I. 324 w/12 roll bed (325 N. w/sheller), NI 3 row 30" picker w/super sheller, New Idea shellers and Super shellers, N.I. 2 row 30" picker w/grinder. NI 319 mtd. picker, JD 300 w/2 or 3 row C.H. JD 300 w/243 C.H. NI 311 - 2 row.

NI 727 Uni Husking beds.

JD 4020 w/58 Loader, JD 4320 w/cab.

686 w/German D., 560 D w/F.H., nice.

Farmall - 1568 w/cab & air used 1000 hrs., 1566 w/cab, 1466 w/cab. 886 w/cab, 800 hrs., like new. 856 w/38" tires, very nice; Farmall 460 Gas w/F.H., Farmall 756 gas, Hi Crop- 656 diesel, 756.

HARVESTERS. Used JD 3800 w/2 row C.H. and pickup for $2850, N.H. 890 w/3 row 30"; NH 890 w/2 row; NH 770 w/2 row 30" C.H. Fox 2 row snapper head. NH 770 1 row snapper C.H.N.H. 890-2 new snapper head, new N.H. 890 new corn head used N.H. 770-H824 2 new corn head and pickup head, Fox 2 row 30" Silage Head, JD 1 row snapper head for 38 & 3800. JD 4 row Stalker head, like new.

New JD 5½' Used JD 5½' & 7' Pickup Heads, (SOLD).

NH 770 w/Pickup head.

Gehl recutter blower.

ALLIS CHALMERS; 7040 w/cab, power shift like new, low hrs. 220 original, 210 w/new 20.8x38 tires, AC H3 Crawler w/blade and winch.

2 JD 4 wheel drives 8630 fully eq. w/duals; & 7520 fully eq. w/duals.

FARMALLS: Used 686 w/cab & air, 1206 w/cab, 806 w/3 pt. & 38" wheels, Farmall 656 Diesel & 656 gas, Farmall 826 hydro D nice.

New White 2-65 w/front whl. drive and new 1730 loader, list $29,000.

Dealers net $23,700. Our special price $21,850.

New White 2-105 w/cab $22,850.

MASSEY FERGUSON - 1155, cab & air, M.P. for $8950.00; MF 175 D; MF 85D w/new tires, MF 1155 w/C.A. M.P., MF 1130 for $6250. MF 1080D, MF 90D; Oliver 1950T w/cab for $5,975; 2050, 1855, 1855 w/duals, MM Vista 1000 w/cab and loader.

New NI 324 picker w/super sheller list $15,390. Special $8,475. Farmall 706 w/310 German D w/cab, JD 2520D, MF 1135 w/R.G. and dual wheels, Int. 656 utility Hydro D. NH 890 2 row snapper head. JD narrow 30" 2 row head, like new.

NI 325 pickup w/12 roll bed used 4 yrs.

Ford 4600 D, low hrs.

Fords-5000D, Small tractor just traded.

Ford 860, 850, Jubilee Original 8N, (SOLD); 9N, (SOLD); original, Ferg 35 D, (SOLD); JD 2010 D, real nice.

N.I. 702 Uni tractors w/combines & 729A and 729 Uni shellers w-3 & 4 row 30" and 40" heads. Used JD 13 to 15 ft. grain heads.

IND. EQUIPMENT - Int. 500E crawler loader w/270 hrs., like new. Cat 933 crawler loader.

MF 200 Crawler w/6 way hydraulic blade; JD 350 Crawler loader.

Cat, Road Grader.

AC 600-21 ft. forklift.

Bobcat 720 Hydro Skid Loader.

Mechanics Specials. JD 3010 gas.

Case 1212 D.

Case 1410. Farmall 706 gas needs trans work, $2900.

Planters - New JD 6 row Conserv. no-til w/dry insect and monitor for $12,800. Used JD 7000 4 row planter; JD 7000 6 row plate w/fert. inst., JD 1460 6 row no-til liquid plateless Inst. - $1975.

Int. #400-6 row liquid fert., Inst and monitor, nice.

AC 12 row No-til Soybean Planter, Oliver 6 row no til w/dry fert., inst., fert fill and population monitor.

Cabs for JD and Int. 66 series Tractors.

3 new full vision cabs for M.F. 165 thru 1135. Glenco 12 ft. 9" Soil Finisher like new.

Brady 14 ft. pull chisel plow w/Buster bar.

Athens and Bush Hog 12 ft. and chisel plows.

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We have new 4, 6, 8 ton running gears at low, low prices.

Used Danuser Post Hole Diggers.

New JD front dozer blade for 4520 thru 4620, 4430 and 4640.

N.H. 38 flail chopper, like new.

NH 36 Flail Chopper.

Used Brillion, 8' packer seeders; Used Century 400 gal. sprayer

NI 319 mtd picker w/12 roll. JD 6 & 8 row front cult. New 15 ft rotary cutter, Oliver 3x rollover.

PLOWS - JD 5x hyd., JD 2500 - 6x18 sp. reset, Int. #700 6x16 sp reset w/colters etc for $2650. Ford 5X sp. reset, Ford 4X 3 pt. sp. reset; Oliver 4x16 rollover, JD 3x16 rollover, AC 6X reset plow, MF 4x16 3 pt plow; New Ferg. 10 ft. chisel plow w/gauge whls., Used Chisel Plows Brady 12 ft. & 10 ft. chisel plow, New IH 3 pt field cult. 12', Used 3 pt. Bush Hog 7 shank V-ripper; Bestland rock picker. New Johnson loader.

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Used Brillion 13' roller harrow; JD 13' R H $975.00; JD 3 pt - 1&3; Shank Sub Soilers.

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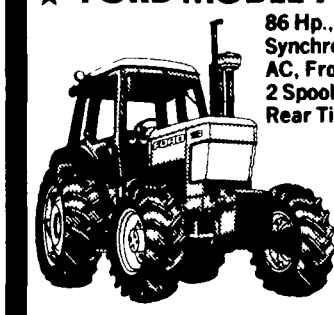

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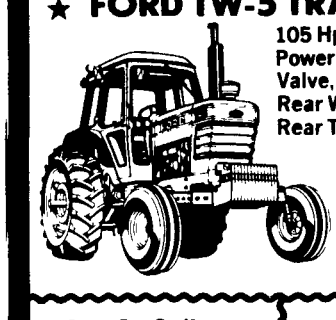

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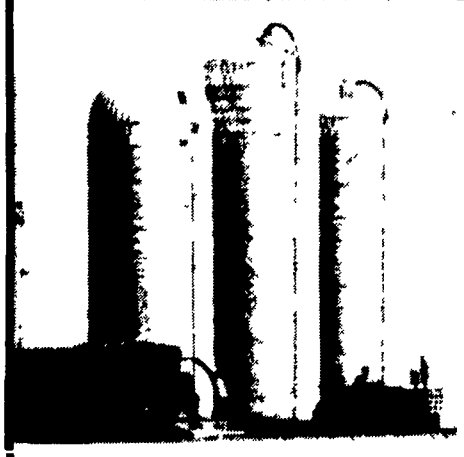

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- Ag Master Silage Inoculant
- Manure Storage

STARLINE LAIDIG

★ Nutri-Matic® Atmosphere Controlled, Bottom Unloading Silo For Haylage.
★ Grain-O-Matic® Atmosphere Controlled, Bottom Unloading Silo For High Moisture Grain.
★ Madison Silo® Top Unloading Silo For Corn Silage.

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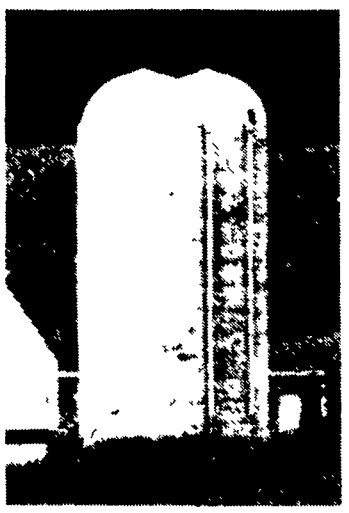
Sollenberger Silos
SOLID 6" CONCRETE WALLS



* TOP UNLOADING SILOS
* BOTTOM UNLOADING, OXYGEN-CONTROLLED SILOS FOR HAYLAGE
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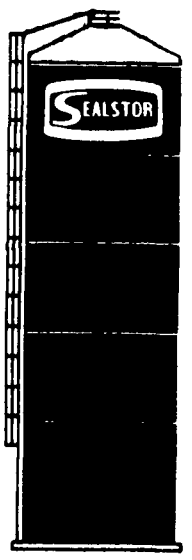
(814) 724-5011



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LAIDIG Best name in BOTTOM UNLOADERS

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SILAGE BAGS TO FIT ALL MACHINES

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ALL BAGS ARE GUARANTEED AND INSURED

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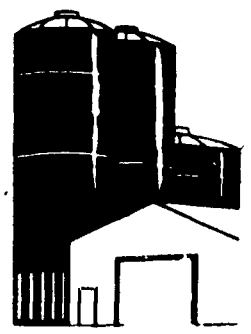

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PARTS AND SERVICES for
Harvestore® Unloaders and Structures

Services Available:
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Parts for Unloaders
Cutter and Conveyor Chains, Hook Assemblies, Sprockets, Bearings, Seals, Cutter Arms, Forks, Backbones, Discharge Housing. Unloader Doors, Motors, belts, etc.

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Blower Pipe - Spiral, Plastic or Straight
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We Can Offer
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* Rebuilt Goliath or Hercules Unloaders

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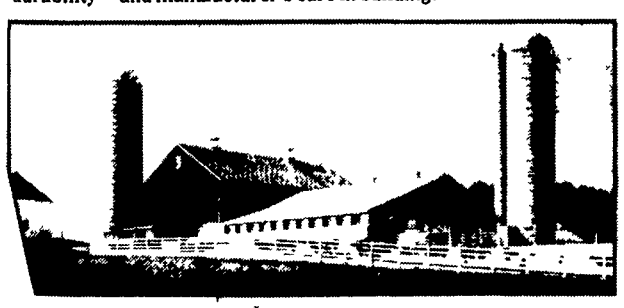
Dependable-Reliable
Systems That Assure Continuous Service Day After Day

FICKES SILAGEMASTER

Silo construction is not only an engineering science, it is also an art Fickes Silos exemplify these principles, with their fine stave design and strength durability and manufacturer's care in building.

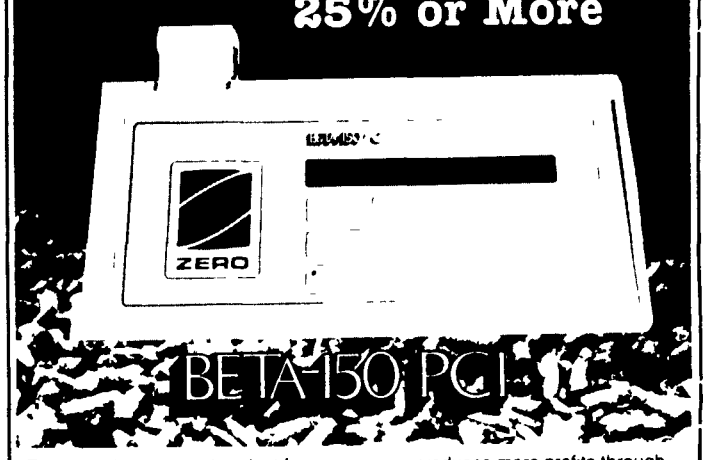


SWING BACK HINGED DOOR

The hardware used in this door's construction is heavy duty steel with a double hinge system to allow the door to swing back against the side of the silo A double lock system holds the door against the frame for a sure seal

SILAGEMASTER

Increase Production 25% or More



This new dairy computer identifies your cows with high potential and allows you to feed them accordingly
— has increased herd average production up to 25% —
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— produces more profits through managing both feed and cows
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The **Silo-Matic®** **R-26 PACESETTER** RING DRIVE

LOW MAINTENANCE
Designed For...
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Stainless Steel Housing
Large 26" rotor housing offers quality 304 stainless steel construction plus split design for ease of maintenance

High Performance Four Pawl Rotor
The R-26 Pacesetter rotor features four stainless steel adjustable pawls Pawls can be operated in a swinging or fixed position as conditions dictate

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FOR SALE-(2) Harvestore Silos, (1) 20x50, $8,900, (1) 20x27 w/unloader, $5,900 Silos are dismantled 717-859-3869

Ring drive silo unloader for 12' silo, 55' complete Auger assembly Call 717-394-5573 after 5 PM

Leasing with option to buy - Harvestore structure and power sweep unloader for grain. 717-423-5432.

UNADILLA WOOD SILOS

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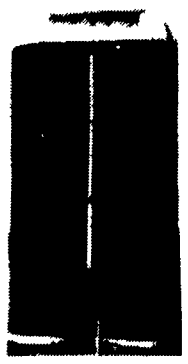

- Silo Roofing
- Wooden Silo Liners
- Distributors and Pipes
- Stationary Plastic Bag Lifters
- Wood Feed Carts
- Hay Racks
- Silo Homes
- Used Silos When Available

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PARTS FOR SUPREME - VAN DALE - STARLINE - FEED EASY - P&D
Reconditioned Unloaders - All Brands

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STARLINE UNLOADERS -	
#70 12'-14'-16' Complete Unloaders All Reconditioned	$ SAVE
#29-14 Basic Unit (Parts)	$500.00
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1 - 16' Basic Unit (Fair)	$500.00
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1 - #2200x Honda 1 Ph. Generator - New	$750.00
1 - Gehl 800 Recutter Blower Unit 540 & 1000 PTO - GOOD	$2000.00
1 - IH Grain Drill 8 Ft. w/Seeder & Fertilizer Att.	$900.00
1 - new Idea 1-Row Snapper Picker used 4 Yrs. - Good condition	$3000.00
1 - 10x50 Fickes Silo	$4,500.00

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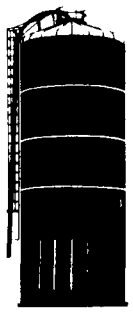
USED HARVESTORE® STRUCTURES
"Quality Work... is our Specialty"



STRUCTURES ON STOCK

3 - 20x27	1 - 20x50
2 - 20x31	2 - 20x60
1 - 20x40	1 - 20x70
3 - 25x80	

SUPREME UNLOADERS
REBUILT HERCULES AND GOLIATH UNLOADERS
HARVESTORE® PARTS
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LONG'S GLASS-LINED STORAGE SYSTEMS

(1) CORRUGLASS BINS

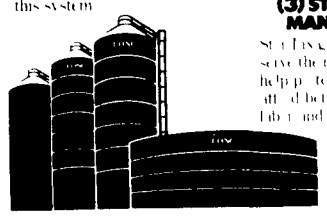
Long incorporates the strength of corrugated steel with a protective coating of glass fused to steel to produce the lowest cost glass-lined oxygen limiting storage system for high moisture grain. Breather bags and choice of bottom unloader with tapered power driven sweep auger or stud rod auger unloader with thick cut sweep auger complete this system.

(2) OXYGEN LIMITING, GLASS-LINED SILOS

The smooth wall silo with glass fused to steel protective coating, are designed for high moisture grain and medium moisture forages. Breather bags and bottom loader with power driven sweep auger for grain or chain unloader for forage and grain complete this system.

(3) STOR-LIX LIQUID MANURE STORAGE

Stor-Lix glass-lined tank help preserve the nutrient value. Environment help protect the environment and allow better management of time, labor and equipment.



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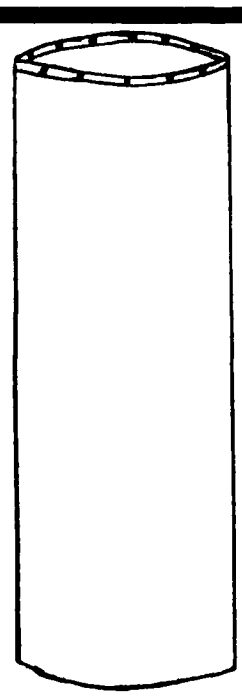
USED STRUCTURES AVAILABLE IN ALL SIZES. REBUILT AND GUARANTEED

MAY-CO SILO LINERS



1. Reduces runoff
2. Wetter silage packs tighter
3. Tighter packed silage ferments better and makes more lactic acid.
4. Lactic acid increases T.D.N.
5. Is more palatable
6. Reduces shrinkage
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8. Does not mold
9. Does not spoil in hot weather while feeding
10. More digestible protein
11. Acid does not eat silo walls
13. You don't need an additive
14. Easy installation

Our new liners are made with 3 plys of plastic laminated together with a reinforced top edge and makes a strong light weight plastic tube much STRONGER than regular polyethylene sheeting.

For More Information:
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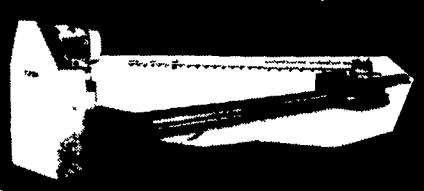
Lancaster, PA 17601
717-569-1011

Silo Diameter	10'	12'	14'	16'	18'	20'
Cost of liner only at 40' in length	133.35	168.00	184.80	218.40	243.60	268.80
Cost of each additional 10' of liner	32.55	42.00	46.00	54.60	60.90	67.20
Cost of lifting ring and clamps	88.30	97.98	105.42	208.62	235.12	254.92

Ring and clamp cost for 10, 12 and 14 ft. silos with unloader are about 75% higher.
Order 10 extra feet of liner if you wish to tie the bottom of the liner shut.

Please send liner only ☐
Please send liner, lifting ring and clamp ☐
I am sending $ _____ to receive liner freight free.
Orders must be in by August 1st to ensure right size and length.

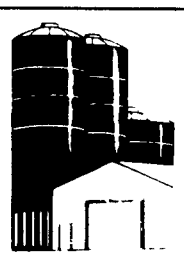
NOW
THE SUPREME SUPERSWEEP
The BETTER Powersweep Unloader



SUPERSWEEP FITS MOST EXISTING BOTTOM UNLOADER TROUGHS.

Supersweep is bigger than most power sweeps you've seen. It's built heavy to handle less than ideal conditions... to take care of problems, not create them. Positive ratchet drive powers massive stepped auger to cut thru hard-packed materials. Supersweep offers first-in, first-out feeding of hi-moisture grain at approx. 300 bushels per hour.

IT'S THE PERFORMANCE UNLOADER... WITH PROVEN DEPENDABILITY SECOND TO NONE!



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FOR SALE
30' Stormore Drying Bin with 2 farm fans, fan and electric heater, Elevated platform for heaters. Tear down and remove from premises and save money.
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TAM AGRI CORP.
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Complete Installation or Cash & Carry
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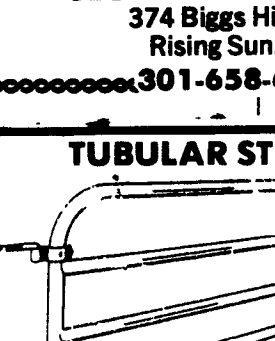

New Four Compartment 40 ton feed factory
$8,100
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NEW & USED
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DeLaval, Badger, Cannonball, Madison Silos
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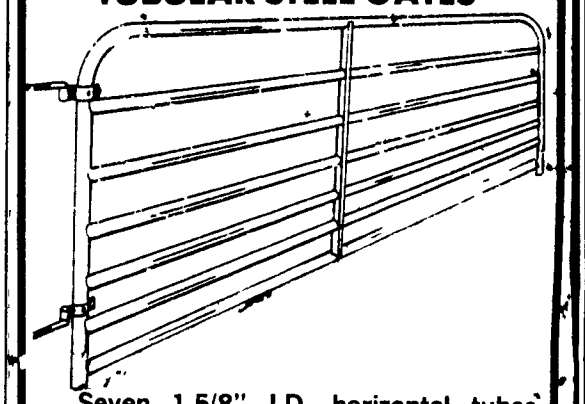
TUBULAR STEEL GATES



Seven 1-5/8" I.D. horizontal tubes spaced closer at the bottom for a pig tight gate. 50" high with adjustable clamp style hinges. All hardware needed for a complete installation is included. Painted finish.

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10' Length	43.95		

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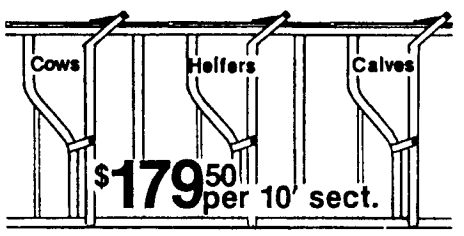

- Barn Cleaner Chain..... $7.95/ft.
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- Tie Stalls from .... $27.95 ea.
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- Cow Mats... from $29.50
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- (1) Used Zero Pipeline, complete
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- 600 Gal. Mojonnier
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- 800 Gal. DeLaval
- 800 Gal. Mueller
- 800 Gal. Zero
- 1000 Gal. Dari-Kool
- 1000 Zero
- 1000 Milkeeper
- 1200 Zero
- 1250 Dari-Kool
- 1250 Surge
- 1250 DeLaval
- 1500 Dari-Kool
- 2500 Mueller

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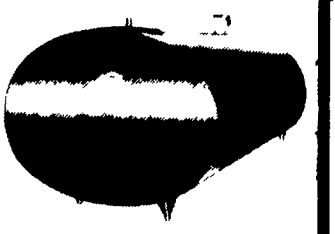
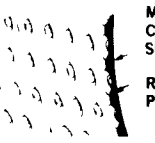


GOOD USED TANKS AVAILABLE



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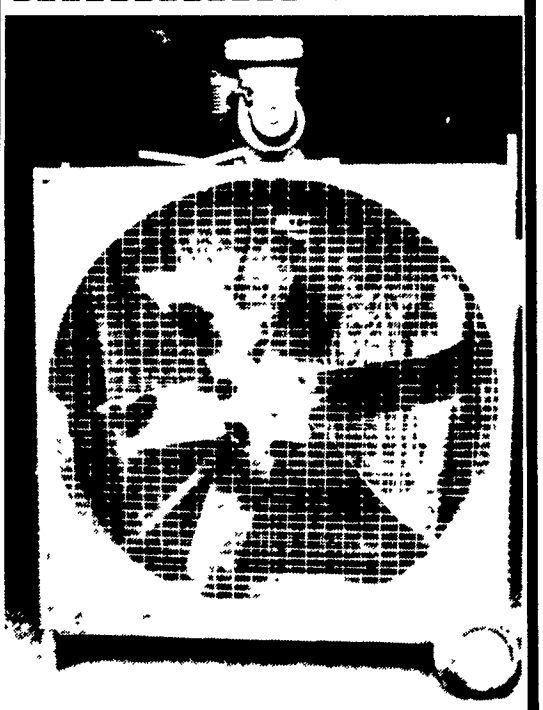

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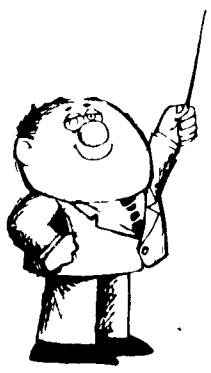

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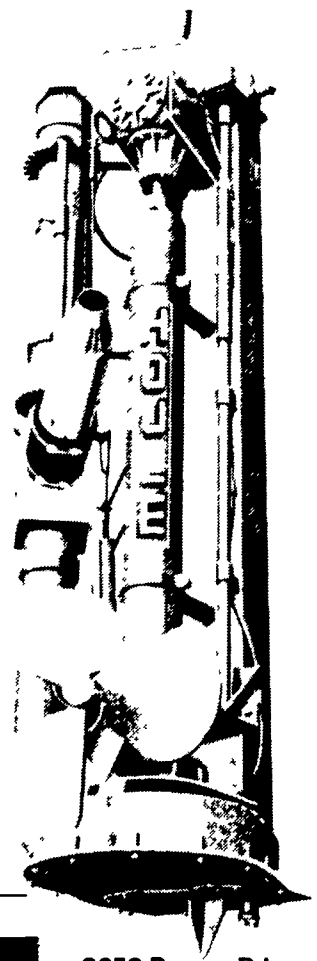

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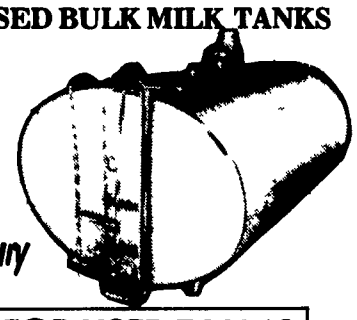

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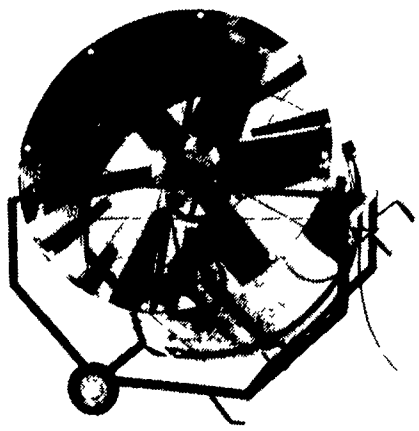

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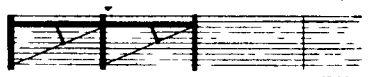

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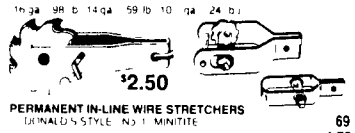

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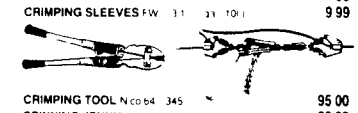

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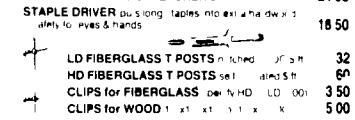

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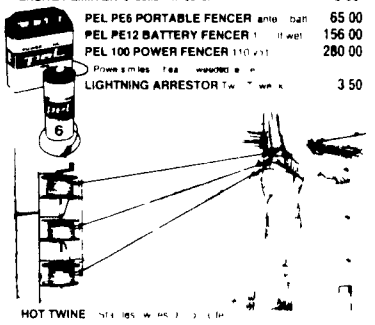

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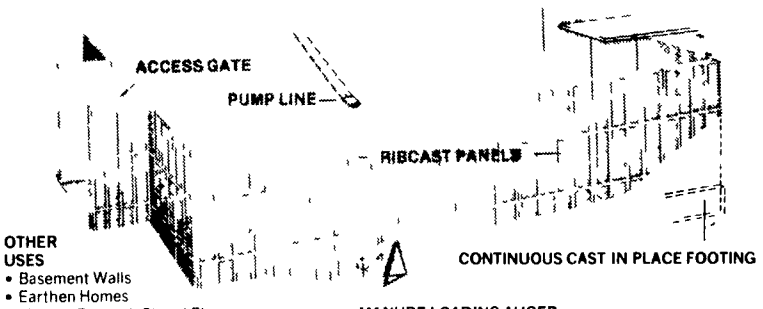

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for Dairy and Hogs

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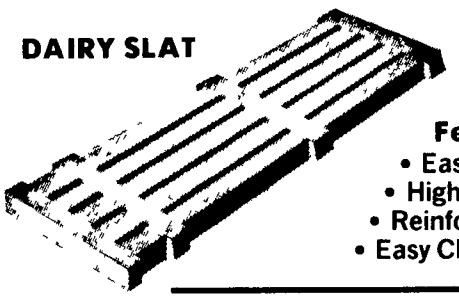

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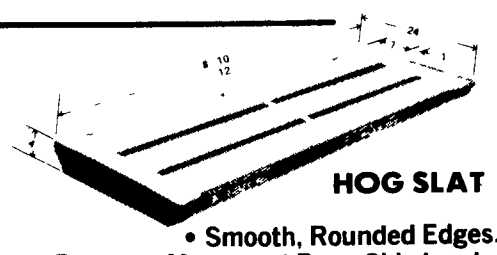

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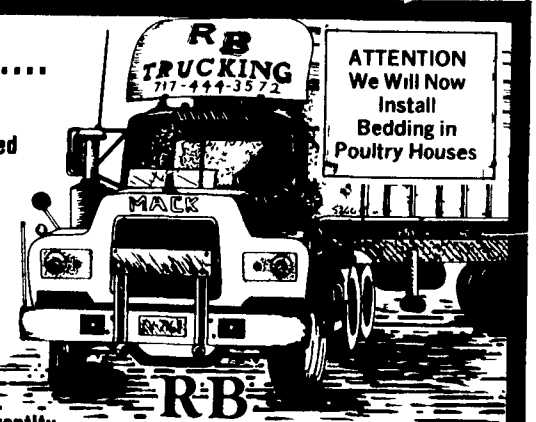

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We can help liquify manure including bedding materials make it easily pumpable, save fuel and tractor hours reduce malodors and stabilize Nitrogen in the manure effectively and economically with the aid of our Bacteria Products specially formulated for the purpose and more than pay back the cost

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IMPROVE FEED PALATABILITY AND PROFITABILITY BY USING LIQUID AND DRY MOLASSES PRODUCTS IN YOUR FEED FORMULATION FOR ANIMALS FROM ZOOK MOLASSES CO.

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ZOOK MOLASSES CO.
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Honey Brook, PA 19344
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Call toll free in PA: 800-662-7464

CATTLE

For Sale - (2) registered Jersey 1st calf heifers Will freshen middle of August. May have either pregnant or fresh 717-865-5957

For Sale - 37 young holstein dairy cows Good fall herd. Also 5 heifers due this fall 717-345-4563.

For Sale - Herd of young holstein cows DHIA records. To be moved before October Call 717-229-2055 noon time.

For Sale - 22 large holstein cows to freshen August and September. Also several springing heifers Phone 301-578-1224.

Registered Purebred Simmentals. Herd health accredited. Every animal priced to sell. Ten lots three in one package. Prices good until October one subject to prior sale. For complete listing write or call. John Hull, 736 Meadow Branch Road, Westminster, Maryland 21157. 301-848-4736.

Holstein heifers, registered and grades. Due August thru November. 215-869-2181.

ANGUS BULLS BIG - yearlings on grass ready for work. Logan Spring Farm, Bellwood, PA 16617. 814-742-8097.

AI sired and AI bred close springing holstein heifers, good size and type. 717-687-6220 Lancaster Co.

FOR SALE - Guernsey cross bred family cow, just fresh & tame, 4 yrs. old Standard bred carriage horse 215-445-5796.

For Sale - Registered Angus cattle, cow w/calf, bred cow and heifer. 215-935-2169.

Registered Guernsey heifer calves for sale. Artificially sired and vaccinated 717-529-2382.

Bred Jersey heifers Calfhood vaccinated, dehorned. Top AI sires; Service age Magic of Ogston bull out of Generator cow. Columbia Co. 717-784-9458

Simmental Bull Full Blood, 15 months old, by Double Connection, 98 lbs. birth weight, 1025 yearling, $1,000. 301-472-2855.

For Sale - 20 holstein bull calves, 100 to 300 lbs Adams County 717-677-8789.

FOR SALE - Good milking cow, very gentle family pet. Make Offer. 301-374-6671.

Free Bulls - You can use top pedigree bulls that are in waiting. Must be on DHIA. Call 215-869-3502

For Sale - 8 month old bull, sired by Wleeda Citation R dam has 20,000m as 2 year old, Grand Dam EX with 990f. 215-273-3585.

For Sale - 5 Guernsey cows, 2 due in August, registered and DHIA records, 2 bred heifers 717-428-1063 after 6 PM

CATTLE

Registered polled Hereford. 20 cows with heifer calf at side and bred back. 10 heifers of breeding age Young bull by Victorious Reasonable price Performance information Certified and accredited herd 609-466-9129

For Sale 3 I D. grade Holstein heifers fresh 215-286-9343.

For Sale - 4 large grade holstein heifers due 8-3, 8-19, 9-25, 12-1. AI sired, AI bred. Calfhood vaccinated. Oley, Berks Co. 215-779-5605.

FOR SALE - 40 Polled Hereford & Charolais cows w/calves at side. 412-329-8604. After 6 PM. 412-329-5325

For Sale - 5 large holstein heifers. Ready to calve 215-593-5665

For Sale - Holstein dairy 29 cows, 7 bred heifers, 15,000 lbs. milk, shipped herd average Also available 14 open heifers, breeding size, 8 started calves 914-887-4314

For Sale - Purebred Texas Longhorn Bull. No papers Phone 215-932-2768

DAIRYMEN - If you are in the Milk Diversion Program come pick the best of our 17,000 pound rolling herd average Holstein herd for .60 cent per pound (Some Registered) Cows available from Aug 1 to Aug. 15 Make your selections now. Contact Robert S Brown. 703-338-2161 or Ruth B Traynham 703-338-4635 Stone Eden Farm, Rt. 1, Box 717, Hamilton, VA 22068.

FOR SALE - Ten registered holstein cows, mostly 2 yr old, good pedigrees, classified up to VG-86 records to 1100 F Due summer and fall. Priced individually or by the group. Chester Co. 215-593-2274

Angus heifers - 18 mos. open 11 head, good blood lines. Chester County. Phone 215-869-2679 after 7 p.m.

Bulls For Sale - from cows to EX-92 and records to over 30,000 milk. High test Sired by popular bulls - Glendell, Tradition, Columbus, etc. Price $400 and up. Robert Kauffman, Box 655 Route #1, Elizabethtown, PA. 17022. 717-367-3550.

Holstein .Herd 22 hd., close springers & recently fresh 1st, 2nd & 3rd calves with good udders, $850. 717-263-5702.

For Sale - Registered Holstein due August with 4th calf, DHIA record 24,069 milk, 867 fat. Dam Excellent Elevation 29,550 milk, 1087 fat, Granddam 86 Arlinda Chief 32,000 milk, 1,360 fat, $1,500. Call 717-865-6836. Lebanon County.

FOR SALE - Registered Jersey cow 2 years old, first calf 6/9/84, tested, ready for sale. Call 717-865-5591

Wanted - Herd of 30 to 40 Holstein dairy cows, for the Blair County Area. Phone 814-224-5289.

Sixteen Registered Heifers, ages 5/4/84 thru 11/27/82, very good bloodlines, seven bred A1, Bruce Lepto · dehorned. Tioga Co. 717-537-2227.

9 registered Angus cows and 3 cross bred cows. All bred to Simmental bulls for early spring calving. Harford Co 301-838-7651

Wanted To Buy
Registered Holstein Heifers, any age.
Write to Abraham S. King
139A Colonial Rd.
Gordonville, PA 17529
or call 717-656-7486

CATTLE

Registered Holstein bulls, 1 year old and younger. Out of dams with records to records up to 28,000 milk and up to 1100 fat Stump Acres 717-792-3216 York County.

"Wisconsin and Canadian Dairy Cows For Sale - 1st, 2nd, and 3rd calf. Fresh and close springers. Cash, or credit with down payment Specialize in selecting cows for customers. Free delivery Reuben Greenberg, Inc., Columbus, New Jersey 08022 Phone 609-298-1021 "

Buyers & Sellers of Livestock -- Be sure to check the advertisements for cattle in the Lancaster Farming You'll get results! 717-394-3047 or 717-626-1164.

LEASE QUALITY DAIRY CATTLE
Various plans available.
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Dairy Farm Leasing
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For Sale - Guernsey cows and heifers, some fresh and some due soon, 215-696-1387

DAIRY CATTLE LEASING - Our #1 priority real-top-quality cows to make money for you, the farmer, and for us! Call for details 607-776-3478 D H Rumsey, Bath, N Y

Penny Lane Farm - reg. polled herefords, highest quality. Seed stock for reproduction of the best cow calf pairs cows bred back bulls, steers herd sires, enforcer 107 H, 445 M. Dunwalke Dollar The Stick. 201-996-4769.

For Sale - 8 open Holstein heifers ready to breed 301-833-1847

For Sale - 25 registered holstein cows. Rolling herd average 17,850/4.0/717.12 at over 20,000 milk. Up to 26,700. 1/1160 F. 7-83 bull out of 1160 fat cow. All cows calf hood vaccinated Enjoyment Farms. 814-926-3669.

FOR SALE
2 Holstein Heifers due in August
Call
717-394-5573
after 5 p.m.

FOR LEASE
Will lease to good farmers 1st calf heifers w/option to buy
Write: Sunrise Farms
Box 145
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Established Quality breeding Stock Cows, Pairs, Heifers, Club Calves, Feeders, Proven Bulls.
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Performance Tested and Registered
State Certified Herd
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SEMEN DISTRIBUTOR
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Service age registered Holstein Bulls by Pete, Star, Astronaut, Glendale, Chief and others.
Dams classified Very Good with records over 29,000 lbs. milk and 1195 lbs. milk fat.
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Top Quality Registered Holsteins to qualified dairy farmers. Increase your milk production; increase your cash flow.
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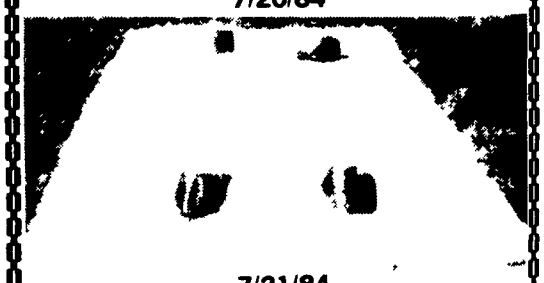
$300.00 REWARD

7/20/84



7/21/84

This reward will be given to the person who furnishes the information that leads to the arrest and conviction of the person or persons that were involved in the theft of the above cow statue from the property of Marvin E. Miller RD 1 Strasburg, PA on July 21, 1984.
ALL INFORMATION KEPT CONFIDENTIAL
CALL PA STATE POLICE
717-299-0441
TPR - E.K. Golbourne
Marvin Miller 717-786-3836

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FOR SALE-Thoroughbred mare 16.2 hands, dressage & jumping. Owned by 4-H'er going to college 717-382-4372

FOR SALE-Quality Thoroughbreds, 2 year olds in training, yearlings, mares in foal to multiple stakes placed. Mr. Leader Son 717-933-5565.

Registered Appaloosas 10 year old mare, ridden and shown english Started over fences 3 year Philly, halter broke Both good disposition Make offer. Phone 717-322-0545.

FOR SALE - Buckskin mare, good trail horse, also registered yearling paint gelding, flashy 717-252-2079 after 5.

4 year old horse, traffic safe. Eli Stoltzfus, Box 65, Kirkwood, PA 17536 along 472.

Must sacrifice reg Quarter horse gelding Chestnut 4 years old, show prospect 215-944-9052

3 year old registered standard bred driving horse Big, strong horse $850 Jacob S King, Prospect Road, Box 24 Strasburg, PA 17579

CATTLE

HORSES & MULES

Moorman Mfg. Co. Gro-Strong horse minerals. For Service. 717-597-3031.

Stud Service - Red Rodney is now standing at the Elmer Stoltzfus farm in Nittany Valley. 16.1 hand standbred w/white markings. R.D.#1, Mill Hall, Pa. Centre County.

One team black 43" mares broke. One black gelding rides and drives. One blue roan mare rides-drives. Call evenings. 215-395-4422.

Wanted - Pregnant pony mares to foul before September 1984. Mares are needed for study and must foul on our premises. For more information contact Lee Anne Myers at 215-444-5800 ext. 248.

Must Sell! Registered Arabian mare, 15 years, child safe, rides and drives; Shetland driving pony, cart and harness; registered Arabian Stallion, gray, 4 years Bucks Co. 215-343-6882

For Sale - Four year old saddle bred driving horse, well broke. Stephen K. Esh, Lynwood Road, Ronks.

Saddlebred Gelding -- some age, gentle & sensible, not to be sold as road horse. Call evenings. 717-627-1678.

TB Gelding, 7 yrs., 16 hands, Bay Sound, Gentle, Outstanding every way, $2,500. Price Neg. 215-932-3139.

Have forge will travel, horse shoeing/ saddle and draft, keg or handmade, by appointment, 717-627-1678.

For Sale - Gentle, Attractive riding and driving kids ponies. Lancaster County. 717-284-4340.

SHEEP & GOATS

Registered Polled Dorsets, 19 head, $1,700. Border Collie Pup. Carl Everett 717-784-3872

COMMERCIAL DAIRY AND GOATS FOR SALE - Business and/or goats. Approx. 30 milkers (Alpines and Nubians); 14 doelings, 2 Alpine bucks All registered and certified; TB-Bruc. free. Many bred for fall. Retail outlet approx 2 dozen stores in Philadelphia area. Write J B Tuffey, 1201 Saw Mill Road, Oxford, PA. 19363 or call 215-932-4528.

For Sale - Two registered Hampshire rams. 2 and 3 years old. From Wilson stock. Call 717-436-2325 or 717-436-6995. Juniata Co

Long wooled rams & ewes for the Spinners flock. Border Leicester, Perendale, North Country Cheviot bloodlines--both colored & white From a show winning flock. Triple L Farms 301-357-8463

Standing hay corn box, 3 pt seed & fertilizer spreader, nice Shropshire ram & 2 ewes w/lambs. Dauphin Co 717-545-7005

Handspinner's flock mostly black sheep, Romney, Corriedale cross ewes, lambs, pedigreed Angoro rabbits, cages. 717-536-3507.

FOR SALE - ADGA Nubian Herd Reduction Sale. Bucks, Does and Kids. Call 717-665-5268.

SHEEP OR LAMBS used for meat or for grazing, $50 a piece. 301-374-6671

Registered Suffolk yearling ram; black Romney Corriedale ram; registered Suffolk ewes and Suffolk crossbreeds. Call evenings 215-274-8184

For Sale - 2 year old registered Hampshire ram yearling ewes and spring lambs. Columbia County, 717-784-8093.

Suffolk registered bred ewes, ewe lambs, rams, Pennsylvania Farm Show champion flock. Reasonable prices. Paul Leader. 717-741-1445.

HORSES & MULES

HORSES & MULES

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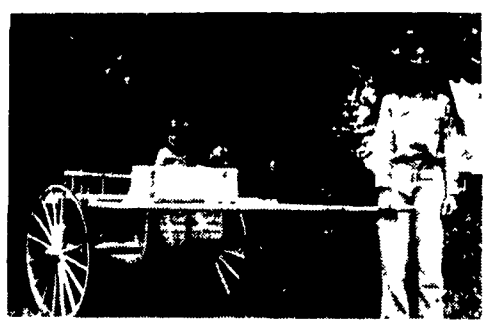

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In pony and horse sizes, each is available either as a kit or fully assembled.

Pony $487 - Horse $672

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SHEEP & GOATS

2 year, one of a kind Suffolk Ram, $100.00. His crossbred ram or ewe twin lambs, $60.00. Bucks Co 215-822-1639.

For Sale - Beautiful flock of 16 horned Dorset ewes, $800 cash. 717-563-2589.

For Sale - Young Suffolk Ewes 1-215-485-3903

SHEEP & GOATS

For Sale - Quality Purebred Yearling Rams, ½ brothers to these Rams placed 1st and 3rd at 1983 Pa. Yearling Ram Test. Affordable prices. Lauden Acres 717-758-6284

Moorman Mfg. Co Special sheep minerals For Service 717-597-3031.

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West Earl Woolen Mill
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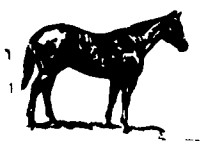
Hampshire Ewes For Sale

12 - Productive Brood Ewes
Ave. Age - 4 Years
1984 Lamb Crop 175%
14 - Spring Ewe Lambs

DAVID G. LYTLE
New London, PA.
Farm - 215-255-4839
Home - 302-454-1641

HORSES & MULES

JEN-AIR ACRES



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Berks Co.
Bernville, Pa. 19506
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or 488-7131

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If you have swine to sell or buy - check our swine column. It is read weekly by thousands. 717-394-3047 or 717-626-1164.

YORKSHIRE AND LANDRACE boars and gilts of all ages. Pseudorabies negative tested boars for sale at all times. Production tested, certified meat tested, Show winners with many carcass champions. Daily drive-in and drive-out service. Reno H. Thomas, Beavertown, PA 17813. 717-658-5821.

For Sale - Yorkshire Service Boars. Elwood E. Houser, 2150 Quentin Rd., Lebanon, PA 17042. 717-272-5798 or 273-2921

Duroc, Yorkshire, Spotted Boars, Open Gilts and Bred Gilts. Calvin Lazarus and Sons, 4290 Bridge Street, Whitehall, PA 18052, 215-799-3375 or 3831.

SWINE

Hampshire, Yorkshire, Landrace boars and gilts. Also rams and ewes. 717-244-1244.

Service Age Berkshire Boars For Sale. Priced reasonable. 717-244-6068 or 717-246-1738.

Hampshire Boars and Bred Gilts - sired by Rocky Brian. Rocky's mother is a full sister to Ark-11-2, Cedar Hill Farm, Claudia Minotti, RD 1 Lowman, New York. 607-733-7473.

Landrace or Yorkshire Purebred Boars, $200. 717-637-0192.

For Sale - Purebred Yorkshire boars, bred gilts and open gilts, carcass championship bloodlines, Willow Glen Farm, R1 Box 221, Strasburg, PA. 17579. 717-786-2562.

Yorkshire - boars, open gilts & bred gilts. Brucellosis and Pseudorabies free herd Will deliver.
Red Run Farm
RD 2
East Berlin, PA. 17316
717-292-4634

FOR SALE - Purebred Hampshire boars, $350. Call Elmer H. Weaver. 215-683-8446. Fleetwood.

FOR SALE: PUREBRED DUROC BOARS, 4 months old. Sired by artificial insemination by CASEY from Swine Genetics Inc. Call (717) 444-3232.

FOR SALE: REGISTER HAMPSHIRE BOARS, 11 months old. Sired by artificial insemination by FARAND from Swine Genetics Inc. Call (717) 444-3232.

78 large Yorkshire & Hampshire open gilts ready to breed; 6 bred gilts also service age boars. Delivery Available John Strawbridge. 301-996-2022.

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25 Bred Gilts due August & September. Miller's Yorkshire Farm, R.D. #1, Box 1366, Spring Grove, PA. 17362. 717-225-1926.

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Reg., Spotted Boars and Gilts. Jan., Feb., Mar. w/Farr and Kemp Breeding.
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DUROC BOARS and gilts, production tested, certified meat type show winning stock. Bloodlines of the best in the U S. Par-Kay Farm, Park F. Thomas, Beavertown, Pa Phone 717-658-6544.

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DUROC & SPOTTED BOARS
Duroc, Spot, Crossbred Gilts
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Kenneth Ketterer
Phone 717 423 6250

FALL PRODUCTION SALE
Hampshires and Crossbreds
SEPT. 21, 1984
6 p.m.
Lebanon Fairgrounds
Lebanon, PA
Boars, Open & Bred Gilts
Blue Mt. View Farms
Charles & Carl Bomgardner
Rt. 3, Box 604
Annville, PA 17003
Phone
717-867-2890 (Charlie)

Arnold's 33rd Hog Sale
Duroc - Crossbred - Landrace - Yorkshire
FRIDAY EVENING, AUGUST 17th
6:00 P.M.
Lebanon Fairgrounds, Lebanon, Pa.

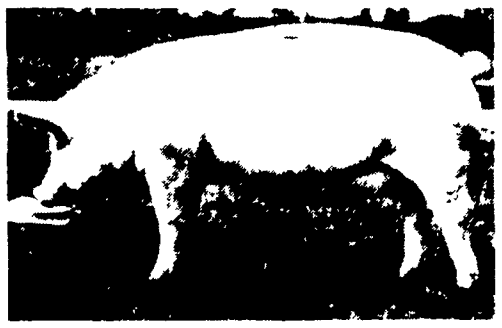
Auctioneer - Harry Bachman
AU-000033-L

90 BRED GILTS

30 Yorkshire, 30 Landrace, 20 Crossbred 10 Duroc (Handmated, Due August 21 - Oct. 14)

SPECIAL FEATURE

19 Carrying Service To Top Indexing Boar Ohio Test Station, 14 Landrace Bred York. Crossbred Gilts Bred For 3 Way Cross.



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35 BOARS

15 York, 10 Landrace, 10 Duroc York Boars sired by "Austy". "Austy Boars Pa. State Test '84. ADG 2.43 F.E. 2.63 (4 Boars) Landrace Boars By "Kosar" 150 D/230#, .74 B.F., 5.4 Loin. Duroc Boars by "Motor", "Extra", Govenor.

15 OPEN GILTS

Registered Duroc, Landrace, Yorkshire

Sound, productive, 1983 production 114 litters wean average 11.4, feed efficiency & test station information. All animals vaccinated for erysipelas, lepto & parvo. Validated brucellosis & pseudorabies free herds.

Catalogues available Aug. 5 Call or write

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Lebanon, PA 17042
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Durocs
Lawrence Arnold
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Womelsdorf, PA 19567
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NEXT SALE NOV. 2, 1984
Penn State Boar Test Sale Aug. 22nd

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REFERENCES FURNISHED
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MIDDLE TENNESSEE LIVESTOCK CO.
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Duroc Boars
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Super fast growing and very aggressive.
We will deliver. PVR free #34.
Validated herd #133.
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Farmer Automatic 4 deck cage systems, for pullets & layers No pits needed in building Reynolds & Yellott, 12800 Gores Mill Rd., Reisterstown, MD 21136 301-833-1840

For Sale - 70 Geese, extra large, Embden and Toulouse Cumberland County 717-732-4035

WANTED - ASHLEY POULTRY PICKER Call 302-492-3030 collect

For Sale - Guinea Keets Berks County Call 215-582-2587 after 5 PM

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Available for contract by approximately Oct. 1, 1984 44,000 sq ft fully automated broiler house, 717-367-9543 Lancaster Co

Wanted - Egg room cooler, 12,000 BTU's or larger Also cooler doors 717-786-3345

Sell direct to us for cash.
* Fowl
* Pigeons
* Bantams
* Pullets
* Capons
* Rabbits
* Guineas
* Chuckers
* Turkeys
* Lambs
* Goats

JACK MINTZ POULTRY
215-267-4784

FEED & SEED

Wanted - chicken litter out of silo, will pick up, 301 833-1847

32% liquid protein, wholesale/retail from manufacturer Dealer inquiries invited. Call collect, 301-343-0343

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For Sale - Up to 2,000 bushel rye off the combine Will sell smaller amounts $4 per bushel Snyder Co 717-837-0724

Heavy Canadian grain rye seed for cover, silage or grain Place orders now for August Harmony Dale Farms 201-859-2616

Over 70,000 Bales first and second crop Hay. All Kinds Alfalfa, Timothy, Alfalfa-Timothy, Brome Alfalfa, Mulch, For horses, cattle, Something for everyone, Delivery Available Phone Ohio 216-223-1491

#52 Polywoven Feed Bags Durable, double sewn seams Top quality at competitive prices Call 301-836-1985 or write to PTC/Richardson Ag Services, 1332 Mc Dermott Rd., Pylesville MD 21132

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Straw for sale at barn Northern Chester Co Call 215-827-7687

Hay-Villanova, PA Area call Mike at 215 446 4161

For Sale - Oats and oat straw out of the field 302 654-4789 after 9 PM or before 7 AM

Oats for sale Race horse quality $3 10 per bushel 717-687-7574

Approx 75 ton of high quality ear corn for sale $135 per ton or $142 per ton chopped or crushed to your liking For more information call 717-687 7574

Wanted - Good quality hay Cash on delivery Call 609-654-2694

Corn silage for sale 717 872-4058.

For Sale Oats, will deliver 717-324-2841

Oats organically grown available early August 3 25 bu. Call evenings 301-592-7710.

Hay For Sale - 200 round bales, good quality mixed hay first cutting BUY now and Save 717-374-4018 Snyder Co

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WHEAT STRAW FOR SALE - Stump Acres 717 792-3216. York Co

FOR SALE - Early cut rye straw, not combined 600-700 bales, $1 25 bale Huntingdon Co 814-542 9280

FOR SALE - Rye, Cert barley, and Wheat, Baler Twine on Stock. Berks Co T & S Sales 717-933 4725

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4 Year Old Equipment From 44'x304' Breeder Layer House;
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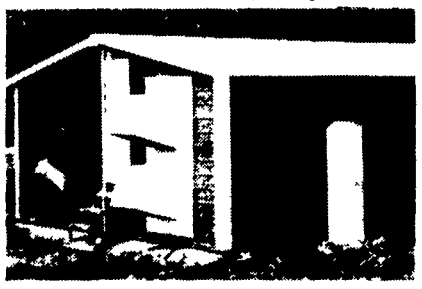

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28 farrowing crates, 7' long complete with nipple and bowl waterers, sow guards and creep area all in good condition Recently painted and ready to assemble and use $75 00 and $100 00 each Call Juniata Co 717-436-8044

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We can help you protect your future investment and livelihood. Don't take a chance - Fumigate - before your next flock.

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Shelled corn and soybeans
Dealer in small grains,
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Wanted - Ear corn, good quality only. Will pickup at your farm Ken Miko, RD 3, Schuylkill Haven, Pa 717-739-4586.

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1000 bu. load @ $90 per load
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Delivery anywhere in 23 ton loads

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Take this opportunity to lower your costs and increase your yields and profits

As always Sure-Crop is produced with the highest quality raw materials available using all white phosphoric acid, potassium hydroxide, aqua ammonia, and urea, which is blended to form a high quality product

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Size B Katadin seed potatoes from 1983 crop, certified seed, 215-286-9510.

FOR SALE-Approx 300 bushel field crates, approx 200 bushel apple crates Price $1 each 717-659-5135

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(2) Super Light Truss Greenhouses 30'x96' free standing, all equipment and benches included, (1) Pipe Greenhouse 24'x96' free standing, all equipment and benches included Call 717-532-3572

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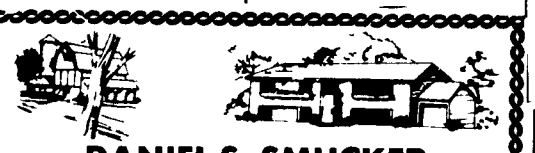

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Kale
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77% calcium carbonate 40% calcium oxide 75 ENP (Effective Neutralizing Power) 3% Potash (K_2O) 4 5% Sulfate U S D A Tested & Proven Only $4 60 per ton F O B - We Deliver!
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End your painting worries and install barn siding.
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Assistant herdsman on large registered holstein dairy Duties to include milking, some feeding and A1. Must be able to apply good herd health practices. Send resume to Hickory Hill Farm, Inc., 17011 Pleasant Meadow Rd., Upperco, MD. 21155 or Call 301-239-7326

Married couple for registered holstein dairy herd Milking experience necessary General farm duties Housing and utilities provided Bradford Co Area Call 717-746-3641

Person to assist with milking and calf care on 150 cow dairy, housing provided Call 717-278-3924

HELP WANTED - Experienced person part-time to help get cattle ready for sale Milking, clipping, washing, etc Write Box 366, R-12, Lancaster Farming, Lititz, PA. 17543

Wanted - Dairy person or husband and wife team, must be qualified to help in a concentrated embryo transfer program. Less than 100 milk cows in excellent new facility Must have AI experience, heat detection and herd health New house, utilities, vacation and extras Send resume and reference to Franklin Farms, Rt. 2, Box 707, Purcellville, VA 22132

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DEALERS wanted to sell QUALITY minerals, milk replacer and other dairy products Large company. Strong growth potential 609-784-0839.

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Please answer by letter

Energetic Mormon High School Graduate to be a mother's helper and live in a professional family's country home Must drive Room, Board and salary in return for watching 2 young children, doing light housework and occasional cooking Must provide excellent personal references Reply to 3401 S Green Meadow Lane, Westminster, MD 21157

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GOVERNMENT JOBS $16,559-$50,553/year Now Hiring. Your Area Call 805-687-6000 Ext R-4156

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Person to milk cows on 200 plus holstein herd. Would consider man and wife team No field work Housing available plus other benefits Farm located in Lebanon Co. Job available in August Interested persons write stating experience and other related information to Lancaster Farming, Box 366, K-23, Lititz, PA 17543

Start Immediately Farm work available for aggressive person willing to relocate onto modern poultry facility If interested call 717-386-5777

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HELP WANTED

WANTED - Full time Farm Machinery salesman. John Deere and Gehl lines Send resume to Harry M Elder, Box 1, Clarks Mills, PA 16114.

Farm Help Wanted - for milking and field work Experience necessary. Housing and other benefits Call 215-256-6831.

Help Wanted - to work on dairy farm. Work consists mostly of feeding and field work. Must be able to milk occasionally. House provided, regular time off, references required, experience necessary 717-733-1050 Lancaster County.

Dairy Farm in Unionville, PA Needs someone experienced in feeding, milking care and maintenance of holsteins, and field work Housing provided, salary and health insurance Call 215-347-2346

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Sell Animal Health Supplies
farm to farm
Must have dairy farm experience and be aggressive. Guaranteed salary plus commission and excellent benefits
Call:
Animal Medic, Inc.
717-266-5611

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Man and wife to manage turkey farm in York Co. Living quarters provided. Prior farm experience helpful.
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Man & Wife Couple w/additional help to operate 80 cow Dairy Shares, partnership for eventual ownership
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Total charge of medium size feed mill. Salary commensurate with experience Good fringe benefits Progressive community and excellent schools Southeastern Pennsylvania
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Salary: $19,402 - $25,482 (Max. reached in 6 yrs.)

Position requires high school graduation or equivalency plus FIVE YEARS of experience in planning, engineering or administrative work related to soil and water conservation A bachelor's degree with 30 credits in natural resources or agriculture may be substituted for THREE YEARS of experience An associate's degree with 20 credits in natural resources or agriculture may be substituted for TWO YEARS of experience College education in areas other than above can be substituted at the rate of 30 credits to SIX MONTHS of experience for up to ONE YEAR of required experience

Please send applications to
Department of Personnel
301 West Preston Street
Baltimore, MD 21201
APPLICATIONS MUST BE RECEIVED NO LATER THAN AUGUST 15, 1984

SOIL CONSERVATION PLANNER I/II and III
FILE A SEPARATE APPLICATION FOR EACH LEVEL
SALARY
I Level $13,482 - $17,637 (Max reached in 6 yrs)
II Level $15,546 - $20,390 (Max reached in 6 yrs)
III Level $18,015 - $23,655 (Max reached in 6 yrs)

All levels require high school graduation or equivalency plus TWO (I), THREE (II) and FOUR (III) years of experience in agricultural conservation planning or engineering work related to soil and water conservation A bachelor's degree with 30 credits in the field of natural resources or agriculture including 3 credits in soils may be substituted for THREE YEARS of experience. An Associate's degree with the same majors and credits may be substituted for TWO YEARS of experience College education in fields other than above can be subsituted at a rate of 30 credits to SIX MONTHS of experience for up to ONE YEAR OF EXPERIENCE

Please send applications to
Department of Personnel
301 West Preston Street
Baltimore, MD 21201
APPLICATIONS MUST BE RECEIVED NO LATER THAN AUGUST 15, 1984

COMPUTERS

Try Before You Buy. Working Software Demos. Available. Farm Software Services, Bernville, PA 215-926-3167.

HELP WANTED

SWINE HERDSMAN WANTED -
Prefer young married person with at least 2 years college and on farm experience. Computer knowledge prefered. Submit resume' to
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Box 366, D-151
Lititz, PA 17543

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STAUFFER SEEDS
Dealers needed for fast growing seed corn company
Call Collect
Dorothy Pool
301-848-5899

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Dependable persons for installation of hog and poultry equipment. Full time work. Experience helpful but not necessary. Contact:
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Looking for person with parts experience to work in our expanding parts department. Agricultural experience very helpful
* Excellent Company * Fringe Benefits
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Lifetime Farmer - 49 years old, looking for a farm to operate. Experienced in dairy and grain farming Any area. 201-782-6102.

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Winebago Motor Home - 1975, 25' in excellent condition. Air conditioning, awning, generator, trailer hitch. Loaded. $12,500 or best offer. May consider trade. 814-839-4141 or evenings 814-839-2918. Bedford Co.

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Evangelical Minister seeks conservative, Bible-believing church Presently vegetable farming and serving rural parish in Vermont's Champlain Valley Desires similar situation in rural area of Eastern PA
Rev. Dennis Kletzing
Box 55
Bridport, Vermont
(802) 758-2434

SITUATIONS WANTED

Penn State graduate with small herd of top registered Holsteins needs dairy facilities or herdsman position. References provided. 814-237-7621. Evenings

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WANTED - Condemned Poultry House. We will lease our joint venture for breeding rabbits. Call John. 215-343-9020

A Golden Opportunity with FRIENDLY HOME PARTIES. Openings for Managers and Dealers. Sell the largest line of Gifts, Toys and Home Decor in Party Plan. Earn High Dealer Rebate plus win free trips and cash. No cash investment, delivering or collecting. Party Plan experience helpful. Car and phone necessary. Call Collect. 518-489-8395 or 518-489-4429.

ATTENTION sales people in the Liquid Fertilizer Business. Now is the time to start your own sales organization in a rapidly growing industry. Very little investment needed. Write Lancaster Farming, Box 366, R-11, Lititz, PA 17543.

For Sale - Herdsman partnership in Tioga County. Agreement negotiable Write J. Lawton, RD 5, Wellsboro, PA

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For best leasing rates & programs for new cars or small trucks call EZ Leasing Associates. Lanc. Co. 717-627-3842 or 717-733-1500. Ask for Glenn Zug.

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Wanted: Puppies, all breeds. Jack's Dog Farm, Rt. 611 Pipersville, PA 18947. 215-766-8802

Wanted - puppies for pets AKC purebred mixed litters, 717-442-4259

Wanted - Scottish Terrier or information on where to find one Call 717-762-8743.

FOR SALE - German short hair pointer pups, $30 each. Lanc. Co. 717-768-8089.

Airedale puppies, AKC, $150. 717-687-6940 or 717-687-7845.

AKC Labrador Retreiver puppies. Chocolate or black, extreme, quality shots, guaranteed. 717-776-6505/717-776-5973.

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WANTED BUTCHER SHOP EQUIPMENT- Dehairer, Power saw, grinder, scales etc. Please state size, price and condition. Wyoming, Del
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For Sale - Border Collie Puppies, $35. Lehigh County 215 756-6618

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FOR SALE - Walker Fox hound puppies born 6/9/84, from good stock. Call after 7. 717-836-1865.

For Sale - Jack Russell Terriers. Welped 5-4-84, shots and wormed. Call 215-355-1173 or 215-355-5453.

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July 30 and 31
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I will pick up pups in Terre Hill area - 12 Noon,
New Holland - 1 PM
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Keep trying.
P.S. Pup stand closed at Root's until July 31st

WANTED TO BUY
Puppies in litter lots for resale in my pet shop. I will pick up and pay fair cash price for pure and mixed breeds.
Call mornings
Charlie Hackett
1-215-924-8882
P.S. If I purchase pups I pay for phone call.

MISCELLANEOUS

FOR SALE - New and used automatic washers, dryers, gas and electric refrigerators, ranges, used wringer-engine washers, new bedroom furniture. Open 7:30 to 4:30; Saturday, 7:30 to 12:00; evenings by apointment. Myer's Washer-Dryer, Rt. 772, between Brownstown and Leola. 717-656-7169

One hive or 50, some with honey crop. Call 301-838-7648.

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Standing or tops firewood timber wanted. Oak only. Up to 3,000 cords. Chester or Delaware County. 215-485-4692

FOR SALE - New black pipe shop, worn, some rust 1" 21' long, $5 46 a piece, 223 pieces, 700 pieces 1¼" 21' long, $8 45 a piece Lancaster Co 215-286-0391

Antiques - Two sheppard diesel tractors, A1 condition, 2 cyl, $7,500, 3 cyl., $8,500, 1930 Model A Ford without body, running condition, $1,500, rebuilt Model A engine, $800, other A&T-Ford parts, 1932 B-truck, running condition, $2,900 Prices negotiable Schuylkill Co Harry Zettlemoyer, Rt 3-Box 153, Tamaqua, PA 18252.

RABBITS - 50 prime breeding age does, commercial New Zealand Whites. Have to sell due to husband's job change 717-694-3616.

For Sale - Shaper, Punch Press, cast iron radiators. Franklin County. 717-263-5588 or 717-263-0991.

MISCELLANEOUS

For Sale - two bedroom mobile home, large kitchen, good condition. Must be moved, $2,500 or best offer. Chris Dresser, P.O. Box 538, Tannersville, PA. 18372. 717-629-1881 after 6 p.m.

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Emglo portable air compressor 5 h.p. gas engine with one Senco nail gun, one staple gun and hose, $800. 717-532-9570.

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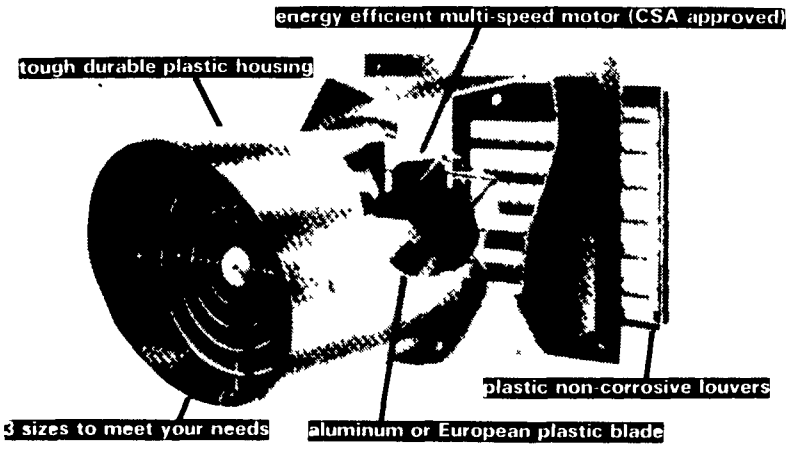
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RPM	N/A	1794	1615	1082	N/A
Static Pres.	N/A	.125	.135	.25	N/A
CFM	N/A	1191	3975	4600	N/A
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The Perfect Cooling System For Sows In Farrowing, Gestation Stalls And Boars In Stalls

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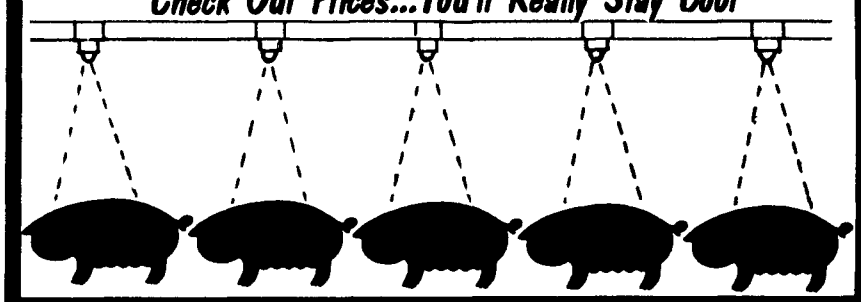


SPRINKLER COOLING SYSTEM

(Not Fogger)

FOR HOGS

THE PROBLEM

When the temperature goes up one of the first ways your body reacts is by breaking out in perspiration That s nature s way of cooling off

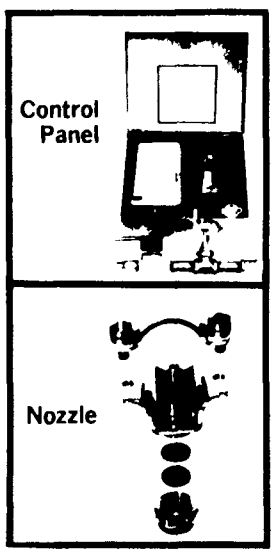
It s different with hogs High temperatures cause them a great deal of stress because they can t sweat When under this stress due to heat hogs will lose their appetite weight gains drop there is poor feed conversion conception rate is reduced and pens become a mess All of this adds up to lost profits

THE SOLUTION:

When the temperature is above 72° F even ventilation can t cure the stress that results But a sprinkler cooling system can help your hogs where nature fell short giving them a chance to cool off It sprays them with coarse water droplets to reduce their body temperature The idea is simple but extremely effective

THE SYSTEM:

The sprinkle cycle is turned on automatically whenever the barn temperature rises above a preset level 72° F Throughout this on period the control functions to permit sprinkling to occur for a preset time period each hour (2 minutes/hour is recommended for best results) When the barn temperature drops below 72° F the cycle is automatically interrupted



The nozzles are clamped to a plastic pipe strung over the gutter of slatted area at the rear of the pen Each nozzel covers a 5 6 foot diameter area which usually means one nozzle per pen The nozzle assures a coarse droplet spray pattern which is important for maximum cooling A fine mist of fog is not desirable in geographical areas of generally high summer relative humidity

ATTENTION PORK PRODUCERS

E-Z FLUSH SWINE WASTE TREATMENT

• CONTROLS PIT GAS PRODUCTION • IMPROVES SOLIDS HANDLING
• RETAINS MAXIMUM FERTILIZER VALUES • REDUCES LAND APPLICATION ODORS

E-Z FLUSH Waste Treatment Program Is Simple

E-Z FLUSH Stops Biological Activity in Wastes During Storage, With No Bugs Eating the Wastes, No Gases Are Produced, No Nitrogen Is Lost From Conversion to Volatile Ammonia, Land Application Odors Are Virtually Eliminated

E-Z FLUSH Neutralizes the Ionic Attraction That Makes the Solids Stick Together, the Wastes Are Not Sticky, Therefore They Pump Much Easier

Mike Stueham
Plum Creek Pork
Cozad, NE

"Reduced deaths in nursery — 20 pigs for 2 gal. E-Z FLUSH"

Sam K Stoltzfus
Loganton, PA

"No foul land application odors '

"We have a 500 sow feeding pig operation with a Sands building with 4 foot deep pull plug pits to a lagoon Before we started using E-Z FLUSH, we had solids built clear up to the slats at each end of the 4'x4'x160' pit which the five nursery rooms, the plug is in the middle, 80' from each end and was intended to operate as a trickle-type pit By using E-Z FLUSH as recommended, we have steadily reduced the solids in these pits Each time we pull the plug, we gain a little At this time we have reduced the solids to the point that we are allowing the pit to trickle and only pulling the plug when we pump the lagoon There are usually 1000 pigs in the nursery Before using E-Z FLUSH to control the pit gases, we were running 40 to 50 dead pigs a month out of the nursery Now we are losing less than 20 per month and the only change we made was starting on the E-Z FLUSH program Saving 20 pigs a month by using two gallons of E-Z FLUSH is a real bargain "

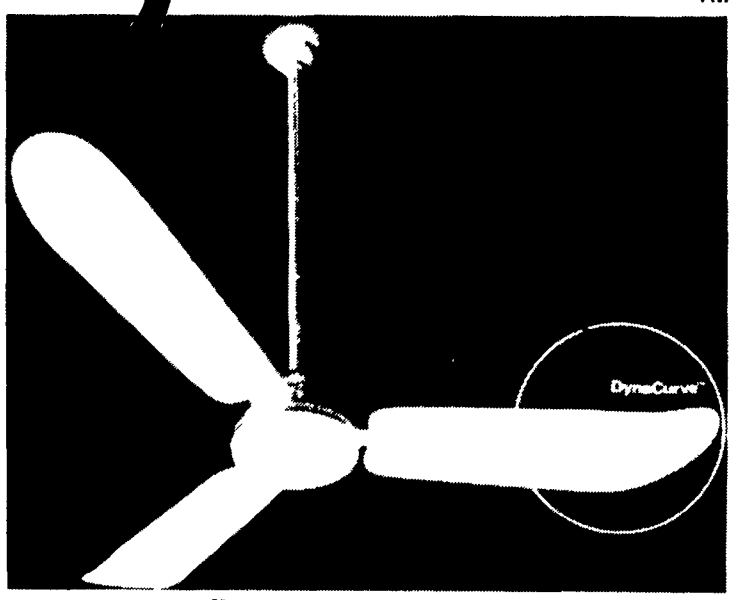
I am a hog producer with a 12 crate farrowing house plus nursery room for 200 pigs up to 60 pounds This building is 28 ft by 56 ft and is fully pitted We started using E-Z FLUSH in Jan 1984, and we have noticed a considerable improvement in the manure odor in the building as well as on the field The last time we spread on the field, which was the first treated manure we didn't have the usual foul odor until about a week later We thought then the E-Z FLUSH must have lost its power, but learned later the neighbor was spreading untreated manure adjacent to our field With our operation, we feel that by changing from our present concrete floors to woven wire and continuing on the E-Z FLUSH program, we could easily double our capacity in the same building "

ADVANTAGES TO THE PRODUCER FROM THE E-Z FLUSH WASTE TREATMENT PROGRAM

1. **Reduced expenditures for animal health products.**
2. **Reduced death losses.**
3. **Reduced winter heating costs.**
4. **Prolonged equipment and building life.**
5. **Reduced feed costs and time-to-market.**
6. **Reduced producer health hazards.**
7. **Maximum nutrient retention in wastes.**
8. **Reduced risk of loss of animal and human life during pit emptying.**
9. **Reduced risk of animal deaths during power outages.**
10. **Reduced land application odors.**

SHOULDN'T YOU BE USING THE E-Z FLUSH PROGRAM??

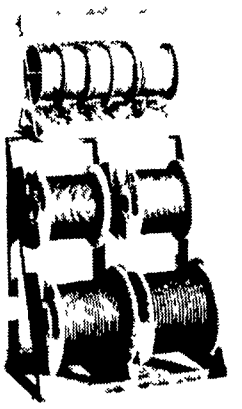
DynaFlow™



56" – METAL BLADES

GALVANIZED AND STAINLESS STEEL

Top Quality, All 7x19 Cable



SIZE	GALVANIZED	STAINLESS STEEL
1/8"	.08¢	.21¢
3/16"	.10¢	.32¢
1/4"	.13¢	.48¢
5/16"	.18¢	.71¢

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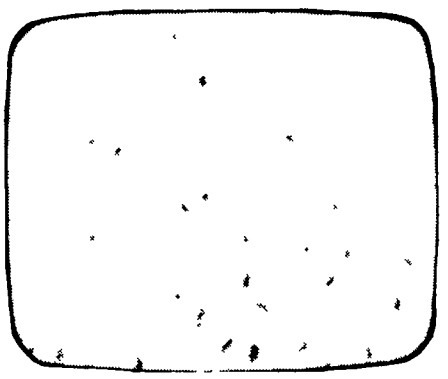

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1 - New Davis Mfg. Stationary Mixer 4000 lb. Mixing Capacity
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"It's not like others...not adapted from an ordinary starter feed that baby pigs aren't even interested in. No sir, this stuff has baby pigs scrambling after it.

"So they're on dry feed and ready to wean earlier.

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"Oh well, you'd find out sooner or later...'cause good ideas travel fast in the hog business."

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Shifflet to manage E. Nat'l Livestock Show

TIMONIUM, MD. — Kenneth E. Shifflet has been named manager of the Eastern National Livestock Show at Timonium, Md., effective September 4, 1984. The announcement was made by Dr. Lee E. Miller, current president of the organization.

Shifflet brings a wide experience in the livestock industry to the position. He served as agricultural agent in Frederick and Washington Counties with the Maryland Cooperative Extension Service for 28 years prior to his retirement on September 1, 1984. He has judged livestock throughout the region and has coached four state teams in the 4-H International Livestock Contest in Chicago.

Raised on a dairy farm near Hershey, Pa., Shifflet received a B.S. degree in Agricultural Education from Pennsylvania State University and a masters degree from the University of Maryland. He has done additional graduate study at the Colorado State University.

Shifflet resides in Frederick, Md., with his wife, Anne. They are the parents of two sons and two daughters.

Wayne County Fair features livestock sale

HONESDALE — The eighth annual Wayne County Junior Livestock Sale, a highlight of the Wayne County Fair, will be held Saturday, August 11 at 7:00 p.m. at the Wayne County Fairgrounds.

All prospective buyers will be treated to a beef barbecue which will be served from 5:00 p.m. to 6:30 p.m., just prior to the sale.

The sale will serve as a climax for about 90 young people who have been raising livestock project animals in the 4-H and FFA programs. Members who are raising beef steers have had these animals on a heavy grain feeding program since last October, while the sheep and hog members placed animals on finishing rations early this spring.

It is expected that 20 steers, 75 hogs and 50 lambs will be offered for sale. All will be of market weight with the steers weighing about 1,000 pounds liveweight, the hogs approximately 200 pounds and the lambs approximately 100 pounds.

Animals will be weighed on Friday Morning the day prior to the sale for the purpose of determining the sale weight. They will receive no feed or water from Thursday midnight until after they are weighed.

The sale will be conducted as an auction sale with the animals being sold to the highest bidder. Anyone who does not feel comfortable bidding in an auction sale can make arrangements for a 4-H leader to do the bidding and act as the buyer. Such persons should contact the agricultural extension office to make the necessary arrangements and to secure information on prevailing market prices.

Buyers will receive duplicate ribbons based on judging conducted earlier in the week. Special banners will be presented to the buyers of the three grand champions and three reserve grand champion animals.

Following the sale, arrangements can be made for transportation and processing of the market animals.

Jack Bunnell will be the auctioneer.

The sale steering committee is made up of Clyde Eltz, Ellix Dix, John Marshall, and Robert Terrel. Robert Muller, serves as treasurer.

NY Cattlemen's barbeque to feed 6,000

HOLCOMB, NY — If Jean Frost of Holcomb, New York ever realizes her "secret desire of running a restaurant", her experience this August as chairman of the Beef Barbecue at Empire Farm Days, August 7 through 9, should be good training.

The Beef Barbecue is annually sponsored by the New York Beef Cattlemen's Association and the New York CowBelles as their major fund-raising event. The help to feed at least 6,000 persons during the three-day trade show is all volunteer-mostly members and spouses of the sponsoring organizations and 4-H members.

The market order as planned by Mrs. Frost and her committee is a large one in terms of quantity and includes 5,000 pounds of beef, 840 pies, potato chips by the case with 45 packages to the case, napkins by the thousands and much more. Every detail has to be planned months in advance. Tables, chairs, and tent are rented. The charcoal to cook the meat and the ice to cool the beverages are ordered. Meat slicers, roasting pans, pie cutters, the cart to carry the 25 pound roasts from refrigerated truck to grille and the many sectioned grille itself are all rounded up, having been stored with members from year to year.

The Beef Barbecue has earned a reputation for taste and service that brings Empire Farm day exhibitors and visitors back each year. For the Cattlemen and the Cowbelles the Beef Barbecue's popularity is an essential part of their overall product promotion in what they call "the taste test."

Heading the CowBelle half of the project will be Helen Patton of Bainbridge as chairman. She is also a Beef Barbecue veteran who tends to much of the details and general supervision.

A Beef Boutique promotion tent will be next to the Barbecue tent and will feature free beef recipes, and information about the sponsoring organizations and the beef cattle industry in the state.

Lincomycin shown successful in Iowa hog test

KALAMAZOO, MI — Hogs fed a 16 percent protein, high-fat supplement, plus the feed additive lincomycin for treatment of mycoplasmal pneumonia (MPS) and bloody scours, gained an average of 1.76 pounds per day during a production contest in Iowa this past year, and showed a remarkably low incidence of mycoplasmal pneumonia.

The contest, sponsored by Yoder Feeds of Kalona, Iowa, gathered 104 barrows weighing between 45 and 75 pounds at the company's test station near Dike, Iowa. Rod Schissel, district sales manager for Yoder and coordinator of the project, says 67 farmers from Iowa, Illinois and Minnesota donated the hogs, plus a $10 entry fee to the project.

"All the hogs were fed the same rations under the same conditions, so the owners would see how their hogs fared against other farmers' hogs at the end of 90 days," Schissel says.

All animals entered had to have an interstate health certificate and were inoculated against erysipelas and hemophilus pneumonia. They were also wormed with Tramizol, and again with Atgard, Schissel says.

Hogs arrived at the test center in mid-June and were given a week to readjust before starting on the test program. They were divided into four groups, based on weight, and housed in pens with both outdoor and indoor areas.

"The test facilities aren't fancy," Schissel says. "Our goal is to replicate an average farmer's hog facility."

One feature of the facility was a shower in the outside yards, which got a lot of use during the hot weather of last summer.

"It's an automatic shower with 72-degree water," Schissel explains. "It came on for about three minutes every 20 minutes when the air temperatures were above 72 degrees in an effort to keep heat stress low. With last summer's temperatures, it came on almost every day during the 90 days the hogs were fed," he says.

The first 21 days they were fed 200 grams lincomycin per ton of feed.

"The second 21 days they got 100 grams of lincomycin per ton of feed, and then were on a control program for the remainder of the time they were on feed," Schissel continued.

Schissel says there were no outbreaks of bloody scours, or any other health problems, during the entire 90 days.

Two of the four groups of barrows gained more than 1.8 pounds per day, and 15 percent of the entire group gained 2 pounds daily, Schissel reports.

The hogs were then slaughtered at Rath Packing. About 25 were disqualified from the carcass contest because of backfat and loin eye standards, Schissel says.

The qualifying carcasses were judged, and all carcasses were examined by Dr. Terry Cowan, technical services veterinarian for a division of Upjohn Company, for signs of disease.

Part of Dr. Cowan's examination of the carcasses included the lungs of each pig, where he looked for lesions which indicate the presence of mycoplasmal pneumonia.

"Only six of the animals had lung lesions, and they were very small," Cowan reports. "It is estimated that 70 to 80 percent of all hog operations have some mycoplasmal pneumonia, so I think it's fair to say a lot of the operations these hogs originally came from had a problem with MPS and some probably had a severe problem.

"The lungs of those pigs looked very good," Cowan says, "and that is a good indication of the effectiveness of lincomycin in treating the disease."

Schissel says the feed-gain test was the second the company has sponsored, and it is planned to be an annual program. He says the company plans to continue to use lincomycin in the feed of the pigs in the program after noting its success last year.

UEP regionals

DECATUR, GA. — The destructiveness of avian influenza included far more than the loss of income to the producers from the depopulation program. It also meant a substantial drop in membership dues for the Northeast Egg Marketing Association, the area cooperative to United Egg Producers with representation in the infected Eastern Coastal states.

In a motion of solidarity at the UEP Board of Directors meeting in Atlanta, July 10-11, the other regionals agreed unanimously to financially help their sister regional by paying NEMA's assessment obligations representing the loss of income attributable to the AI outbreak. The assessments for the regionals were re-calculated to adjust for the loss in income due to AI which amounted to in excess of $10,000.

"This generous action by the sister regionals visably demonstrates the unity of egg producers through UEP," said UEP President Al Pope. He added that this unity is evident among the members and, in part, has contributed to the sizable gains in UEP membership over the past year.

Livestock Ledger

By

Chester D. Hughes

Extension Livestock Specialist

For some reason, I am in the mood this week for a few "ramblings". Summer seems to go by so rapidly because of our busy schedules and many activities; but for many, like myself, busy is enjoyable. There is very seldom a weekend during the summer that I find myself staying at home; it's usually off to some cattle show, field day, judging contest, or pig roast!

I certainly enjoyed a summer picnic at Genetics Unlimited, Inc., West Grove, PA this summer, which included an excellent steak fry, live embryo transplant demonstration, and a herd tour of the cattle operation. My travels also led me one weekend to Harrisonburg, Virginia and another to Columbus, Ohio to view local 4-H members and their Angus heifer projects on exhibition at a Regional and National Junior Heifer Show, respectively. And I certainly commend Jack Hubley, of this publication, for his efforts in covering these two fine events. Jack traveled all the way to the National Junior Angus Show in Columbus, Ohio and not only did a fine job reporting the event but added extra support to local junior exhibitors.

I appreciated the invitation from the Pennsylvania Pork Producers Council to attend a Phillies baseball game in the WCAU Radio Box at Veterans Stadium. The Council promotes pork on WCAU during Phillies' games. The trip was fun, the hospitality great, but the Phillies performance was below average that day!

I understand that the Keystone Stud Ram Sale held at the Carlisle Fairgrounds this summer was a success, and that it was followed by the complete dispersion of the Rohrering Oaks Southdown Flock. The Rohrers, from Quarryville have been active 4-H sheep club members, as well as tough competitors at local, state and national levels. Glad to hear their dispersion sale was successful, but saddened by the breakup of such a fine Southdown flock. Good luck to the Rohrers in their "printing" endeavors.

Although these events have passed this year, there are still several more to happen and I look forward to more field days, shows, fairs, sales, judging contests and picnics. They are a means for our livestock people to get away from the farm work, relax, socialize and enjoy the summer!

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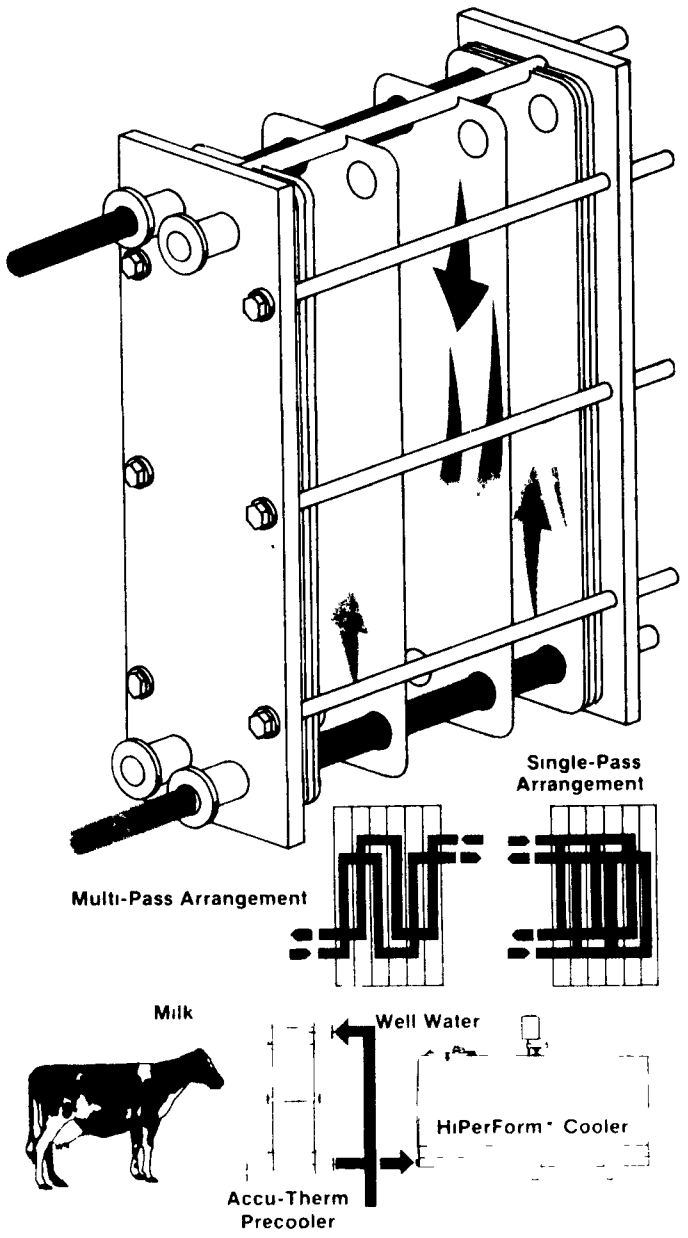
...uses well water to precool your warm milk before it goes into your milk cooler!

In seconds, 100 degree milk is cooled to within 15 to 20 degrees of well water temperature. Milk flows between every other stainless steel heat exchanger plate while well water flows in the opposite direction on the other side of these plates cooling the milk. Choose Accu-Therm for lowest cost precooling when well water is plentiful and water disposal is practical.



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The Accu-Therm is available in wall-mounted or floor models to fit any milking operation or space restriction. As your dairy operation grows, Accu-Therm can be easily adapted to increased volume by adding heat exchanger plates. This is a simple job requiring only a hand wrench and a few minutes and does not require moving the Accu-Therm.

3 Low Maintenance

The Accu-Therm Plate Heat Exchanger is a closed system and can be quickly and efficiently cleaned-in-place with the rest of the milking system.

4 Pays For Itself

The money you save in reduced energy costs will soon repay your investment in a Mueller Accu-Therm milk precooler. For example, with 60 degree F. well water for cooling, milk temperature is lowered by 20 degrees and energy requirements are reduced one-third. The typical 5 HP milk cooler condensing unit uses approximately 5 kilowatts per hour of elecricity.

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- Water Flow to 20 GPM
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PH: 717-297-4128

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Farm Equipment
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Mt Bethel, Pa 18343
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Longacre Electrical Service, Inc.
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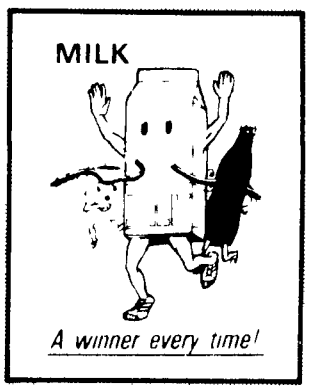
PH: 717-352-2783

Northampton Farm Bureau
300 Bushkill St.
Tatamy, Pa 18085
PH: 215-258-2871

Penn York Refrigeration
RD1
Knoxville, Pa 16928
PH: 814-326-4496



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Wehr's Dairy Equipment
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ASA reports steady growth

BOZEMAN, MT. — The American Simmental Association continues to show steady growth, according to fiscal year end statistics released by the beef breed organization headquarters.

"Despite the current difficult times in the beef industry, our Association is experiencing a steady flow of animal records and new memberships", said ASA Executive Vice President Earl B. Peterson. "We feel fortunate that enthusiasm remains high for Simmental and Simbrah breeding stock".

For the second consecutive year, registrations topped the 80,000 mark. Transfers of ownership fell just short of 50,000, off nine percent from the previous year, but nevertheless, the third highest total in the history of the Association. And for the second straight year, new junior and lifetime memberships exceeded 2,000. The Simbrah registry, which is also maintained by ASA, increased by 4,325 bringing the total of Simbrah or foundations to 17,287 head.

"Overall our figures look even better when you consider the work-in-progress", Peterson explained. "Due to the necessary learning associated with the installation of a new computer system we experienced a buildup of animal records. At the end of the fiscal year, we had nearly 2,200 more unprocessed requests for registration certificates than at the same time one year ago".

"When our staff becomes more familiar with the larger and more efficient computer system we now have in place those numbers will decline and the average processing time should take about half the previous time", he said.

This past Spring, ASA went over the 900,000 mark in cumulative registrations. Current projections are for certificates number one million to be issued by mid-1985. Although the Simmental breed is considered to be relative newcomer on the American beef cattle scene, it currently ranks fourth among 58 recognized U.S. breeds in terms of annual registrations. The breed was introduced to North America in 1967 and to the United States the following year.

Int'l Pig Trade Show moves to Iowa

DES MOINES, IA — A "change of scenery" marks the fourth annual International Pig Trade Show and visitors to the big event are assured a spectacular lineup of exhibits as well as educational seminars.

The 1984 show will be staged at Veterans Memorial Auditorium in Des Moines, Iowa, USA, Oct. 3-4-5. Both the show city and the early fall dates are departures from the first three years when the exhibition was held in December in Atlanta, Georgia.

Show manager Charles M. Rose pointed out that approximately 300 exhibits will line the aisles of the main arena and the lower level of the auditorium. A total of 97,000 square feet of space is available. "Everything that is new in pig industry technology, equipment, and services will be on display", he noted.

Among the highlight exhibits will be pens of live breeder stock.

Technical seminars relating to pig management will be offered free to registrants. Pig Health will be the general topic of the opening session Wednesday afternoon, Oct. 3. A seminar in Spanish with the topic, "Becoming a Better Pigman", is scheduled for Thursday afternoon, Oct. 4. The third session, dealing with Pig Management, will be held Friday morning, Oct. 5.

Emphasizing the international flavor of the show, visitors are expected from the United States, Canada and as manay as 40 other nations. IPTS '84 has been certified as an international trade fair by the U.S. Department of Commerce and as such has the support and encouragement of the U.S. government both at home and around the world.

The show was shifted to Des Moines because Iowa is the heart of the pig industry of the United States. Many producers from other countries indicated they would prefer a show in the Midwest during the fall of the year, an ideal time for travel.

The show is sponsored by Watt Publishing Co., Mt. Morris, IL, USA, which publishes agriculture-related magazines including Pig American, Pig International, and Indonesia Porcina.

For additional information about IPTS '84, contact: International Pig Trade Show, Watt Publishing Co., P.O. Box 947, Cullman, AL 35056. Phone: 205/734-6800.

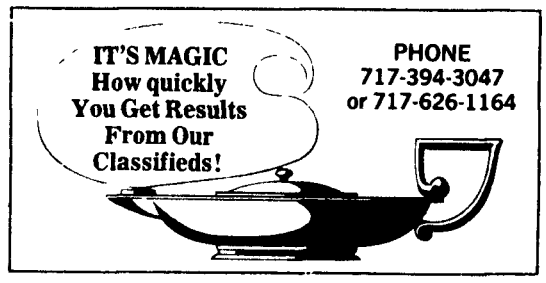
EggPAC tops $32,000 in political contributions

DECATUR, Ga. — The egg industry's political action committee, EggPAC, set a record of contributions to congressional members' re-election campaigns last week by issuing checks to 33 members for $12,500, bringing its 12 month total to $32,000.

This action follows the recent EggPAC committee meeting in Atlanta, July 11, whereby members of the Senate and House Agriculture Committees and the Appropriations Subcommittees on Agriculture, along with key members and committee chairmen, were targeted for advance contributions before their fund-raising efforts. This unique approach of targeting key legislators before the bulk of contributions pour in provides for the greatest impact in responding to egg industry concerns and issues in the future.

The contributions also coincide with the effort to solicit support of United Egg Producers position statement concerning the 1985 Farm Bill. Future farm policy decisions are under review with UEP's statement focusing on, among other important factors to the egg industry, the authority being granted to the Secretary of Agriculture to respond effectively to the countries that take away our export markets illegally and that fair trade programs be developed that permit poultry and eggs to meet world prices.

"EggPAC, in establishing a yearly PAC goal of $35,000, is a nonpartisan political action committee that does not attempt to reward or punish candidates for votes," said UEP President Al Pope. "EggPAC contributions to members of Congress do buy access, visibility and a sympathetic ear... all three of which are vitally important to an industry with approximately 4,000 commercial egg producers representing a minute part of the U.S. population and small segmen of agriculture," he added.



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AEB outlines Cholesterol Action Program

CHICAGO, Il — At its meeting on July 19, the American Egg Board approved a number of projects for their newly formed Cholesterol Action Program. For 1984, the AEB's projects will include:

- A question and answer mailing to more than 2,000 newspapers which will combat misinformation and promote balanced reporting.
- A video news release to 150 TV stations featuring Dr. Donald McNamara of Rockefeller University promoting a sensible approach to diet and heart disease. A special version will be prepared for state association use.
- The appointment of a scientific panel to influence opinion leaders and establish credibility for the egg industry.
- Compilation of a list of scientific experts on diet and heart disease who can be called upon to respond to media misinformation.

In other action, the Board approved a recommendation to fund a major egg nutrition center in Washington, DC. Because of the United Egg Producers' experience in operating a Nutrition Center and their presence in Washington, the Nutrition Center can be implemented immediately. The AEB/UEP Nutrition Center will be administered by UEP and will monitor nutrition information, be a source of credible egg nutrition data, provide support and assistance for AEB's Cholesterol Action Program and other communications projects, and develop and implement other positive nutrition activities.

After reviewing several television and radio options for 1985, the Board decided to invest in the equity already established with Rich Little as a spokesman because these commercials have tested well with consumers. Rich Little celebrity impression commercials will continue to be the mainstay of AEB advertising in 1985, pending the results of new tests to insure that consumers are positively receiving the proper egg message through the Rich Little commercials.

Allentown Fair accepting entries

ALLENTOWN — The Allentown Fair will accept entries of agricultural and craft exhibits through Aug. 11. Entries of livestock are currently being accepted and will be taken up until Aug. 10.

It is preferred that entries are made in person at the Entry Office in Agricultural Hall at the fairgrounds. Registration hours are:

10 a.m.-3 p.m. on Saturday, July 28; 9 a.m.-4 p.m. from Monday, July 30 through Thursday, August 9 (except Sundays and Tuesday, July 31 when the office will be closed); 9 a.m.-8 p.m. on Friday, August 10; 9 a.m.-1 p.m. on Saturday, August 11.

Mail entries are accepted but must be received no later than Wednesday, Aug. 1. They should be marked "ENTRY" and addressed to the Allentown Fair, 17th and Chew Sts., Allentown, PA 18104. To receive the exhibitors cards, an entrant must enclose a self-addressed stamped envelope.

The entry fee is $6 which also provides admission to the grounds. The fee must accompany mail order entries.

Exhibits to be judged and on display fair week range from farm and garden products to domestics and fine arts. Animals that are judged and sheltered are in the departments of cattle, swine, sheep, rabbits and cavies. There will be no poultry and pigeon show this year due to Avian Flu.

Chester Co. 4-H lamb sale slated

WEST CHESTER — A new attraction at the 1984 Goshen Fair will be the Chester County Market 4-H Lamb Show and Sale. 4-H members from across Chester County will be exhibiting their project lambs which they have been raising all summer.

4-H teaches youth the basics of agriculture and gives all youth in the county the opportunity to raise a farm animal. The project is self supporting in that money made from the sale of their project animals is used to pay feed and health costs along with the purchase cost of a project animal for the following year.

The show will be held on Monday, July 30 at 7:30 p.m., in between the open sheep shows held that evening. The auction of these top quality lambs will be held on Wednesday, August 1, 1984 beginning at 7:30 p.m. Auctioneer for the sale will be Mr. Ken Brubaker of Brubaker Livestock Marketing. Twenty top quality lambs will be offered for sale.

Trophies, ribbons, and banners will be given to the buyer of champions. Ribbons will be given to all buyers of sale lambs. The show and sale is open to all interested in attending.

For information on purchasing one of these 4-H lambs, contact Mr. Ken Brubaker 215-696-5483. 4-H is open to all youth ages 8-19 regardless of race, religion, sex or creed. For further information on 4-H contact the Chester County Extension Office, 215-696-3500.

Nottingham Park Fair posts activities

NOTTINGHAM — The weekend of August 4 and 5 marks the fourth annual Nottingham Park Country Fair, located four miles south of Oxford. Activities run from 11:00 a.m. to 8:00 p.m. on both days, with master of ceremonies, Bob Montgomery, directing the festivities.

Saturday's line-up of entertainment begins on stage at 1:00 p.m. with "Bob Paisley and the Southern Grass". At 2:00 p.m., the Southern Chester County YMCA will sponsor pie eating contests, turtle races, and frog jumping contests. Contestants can enter their turtles and frogs immediately before the competition. The country western group "Rawhide" from Rising Sun, MD will take the stage at 3:00 p.m. Oxford's rock group, "Profile", will perform at 4:00 p.m., and "Stone Mountain Bluegrass" from New Holland will entertain the crowd at 5:00 p.m. At 6:00 p.m., Wilmington's "Pleasant Street" folk singers will perform. The Nottingham bluegrass group "Wings of Bluegrass" will round out the day's music at 7:00 p.m.

Sunday's entertainment schedule includes country singers "Kitty Merkel and Family" from Wernersville at 1:00 p.m. West Chester's "Linsey Woolsey" bluegrass group will perform at 2:00 p.m. The popular country western group "Rawhide" will appear again at 3:00 p.m. At 4:00 p.m., the gospel singing "DeBusk-Weaver Family" will take the stage. Downingtown's "Mild West Show" and feature original music at 5:00 p.m. At 6:00 p.m., "Cecil Miller and the Oxford Rhythm Boys" will perform and hold a square dance to end the weekend's entertainment.

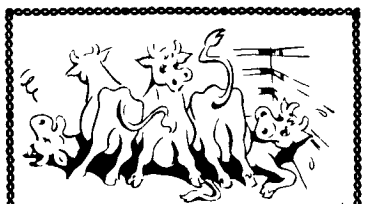
The Country Fair will feature many children's activities as well, including Bobo the Clown, magician William Foust, Philadelphia's "Give and Take Jugglers", a petting zoo and children's theater presentation.

Forty craftspeople will display and sell homemade items, including jewelry, woodcrafts, dolls, baskets, pottery, plastercraft, ceramics, stencils, tote paintings, barrel art, and more.

The Pennsylvania Department of Agriculture will sponsor an educational exhibit, and antique and new farm equipment will be on display.

The Oxford Jaycees will sponsor a special parade to kick off the festivities on Saturday at 12 noon.

Admission to the two day Country Fair is $1.00 per car. The park is located in southern Chester County, four miles south of Oxford off the Route 272 exit of the U.S. Route 1 bypass. For more details on the Country Fair, call the park office: (215) 932-9195.



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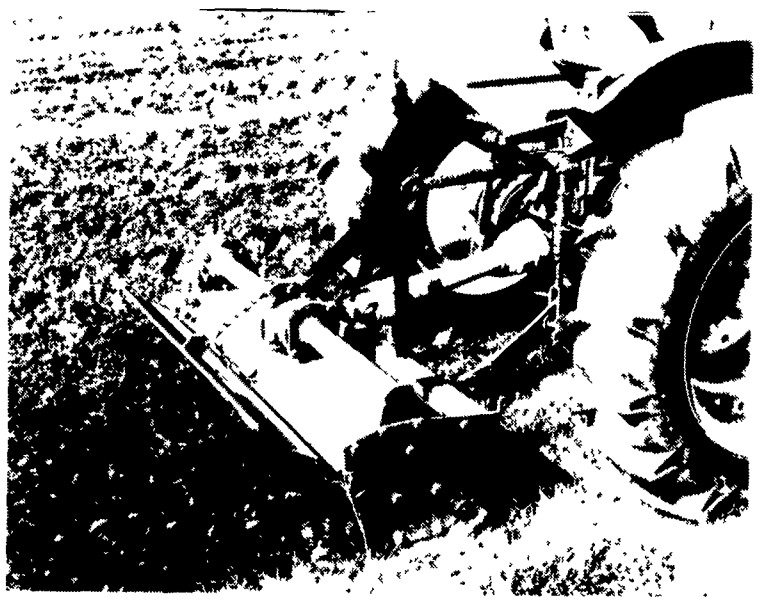
BUSINESS NEWS...



A new line of rotary tillers has been announced by Bush Hog.

Bush Hog cites rotary tillers

CARLISLE — A new line of rotary tillers, for use with tractors ranging in size from 20 to 100 horsepower, is being offered by Bob Weaver of Carlisle, Bush Hog representative for Pennsylvania and New Jersey.

Introduced this year, the tillers perform the work of three separate implements — the plow, disc and finishing tool — in one quick pass through the field and provide part-time and full-time farmers with the opportunity to choose the size equipment that matches their applications and tractor.

"Rotary tillers are becoming important tools for both full-time and part-time farmers," Mr. Weaver said. "They are efficient tools for use in preparing seedbeds for fruit and vegetable growers, preparing ground for landscape plantings and for seedbed preparation in farming operations. And, because farmers make fewer trips through the field, they save on fuel while reducing water and wind erosion of their topsoil."

The Bush Hog tillers offered by Weaver are available in four models in 12 different sizes. The lightweight RTL models come in 32-inch, 40-inch, 52-inch and 60-inch widths and are designed for use with 20 to 40 horsepower compact tractors. The medium duty RTM series is available in 52-inch and 60-inch models for 30 to 50 horsepower tractors. The heavy duty 60-inch, 72-inch and 80-inch RTH models require 40 to 70 horsepower and the extra heavy duty RTX, available in 80-inch, 88-inch and 96-inch sizes, is designed for use with 70 to 100 horsepower tractors.

Cutting depths are adjustable up to eight inches with the positive locking, replaceable skid shoes. For crops that do not require precise seedbed preparation, C-blades, may be substituted for the standard angular L-type blades.

The category I (or, with the heavier models, category II) three point hitch provides an extra degree of maneuverability, not possible with drag implements, according to Mr. Weaver. Other standard equipment includes a shielded universal joint, a fully supported single-speed gearbox and a slip clutch (optional on RTL series).

For further information, contact Bush Hog, Department NR-TR, P.O. Box 1039, Selma, AL 36701.

ABS promotes Wysocki

DE FOREST, Wisc. — Jay D. Wysocki has been promoted to the position of District Sales Manager for American Breeders Service according to a recent announcement by Frederick A. Buschner, the firm's National Sales Manager.

In his new position Wysocki will be responsible for ABS Marketing activities in western Pennsylvania and the northwestern tip of Maryland.

Wysocki was raised on a dairy farm near Hoosick Falls, N.Y. and graduated from Cornell University in May, 1983, with a Bachelor of Science Degree, majoring in Animal Science. While at the university Wysocki participated on the Dairy Cattle Judging Team and was fourth place individual at the National Intercollegiate Judging Contest in 1981. He is also a Dairy Shrine Student Recognition winner and, in addition, received the Ward W. Stevens and A.W. Gibson Scholarships while at Cornell.

Jay D. Wysocki

Wysocki joined ABS immediately following his graduation from Cornell and severed in the New England states as a Representative Supervisor prior to his recent promotion.

He resides in Indiana, Pa

Harvestore introduces belt feeder

ARLINGTON HEIGHTS, Il — A new belt feeder featuring an efficient, cost competitive, plow diverter design has been introduced by A.O. Smith Harvestore Products, Inc.

The new product is aimed at cattle feeders and dairymen who wish to replace existing mechanical bunk feeders of the auger or chain type with a belt feeder.

The feeder is available in lengths under 100 feet and feeds up to two lots. A single main drive motor powers the belt feeder and cable drive plow diverter system. The cable drive system is especially designed to provide dependable performance in wet or cold weather.

The diverter's floating plow design allows the unit to divert feed cleanly and efficiently with minimum power requirements. An optional electromechanical shifting mechanism allows easy shifting of the diverter from side-to-side to service each lot. Concave pan sections increase capacity and help prevent freeze-down or belting in cold weather.

A new belt feeder introduced by A.O. Smith Harvestore Products, Inc., is aimed at cattle feeders and dairymen who wish to replace existing mechanical bunk feeders of auger or chain type with a belt feeder.

The new belt feeder is equipped with Dura-Glide™ belting, which enhances its cold weather performance. This PVC material is especially formulated for less friction and stretch, minimum power requirements and longer life. Dura-Glide belting is also moisture and acid resistant

Meetings set on credit problems

DENVER, Col. — "The Farm Credit System will hold a series of national forums with congressional and agricultural leaders to discuss agricultural credit problems," announced W.M. Harding, president of the Central Bank for Cooperatives and chairman of the Farm Credit System committee responsible for public affairs.

Meeting in Denver, the committee discussed the current economic problems and the system's role in working with the agricultural industry in seeking solutions. "There is widespread confusion about the causes and consequences of the current credit problems in agriculture," said Harding. "The forums will give national leaders a chance to focus on the issues."

In addition to Harding, the three-man committee includes, Warner L. Bruner, Jr., president of the Federal Land Bank of New Orleans, La., and B.L. Hauenstein, president of the Federal Intermediate Credit Bank of Wichita, Kansas.

"As the supplier of one-third of all credit in use by American farmers and ranchers and two-thirds of the credit to their cooperatives, the Farm Credit System has an obligation to work with the agricultural industry in developing sound and constructive approaches to current problems," Harding said. "Frankly, we are concerned that some of the current proposals to solve agriculture's credit problems will harm, not help."

The series of small forums will bring legislative representatives, leaders of national farm organizations and commodity groups, and agricultural lenders together to discuss economic considerations involved in keeping American agriculture strong and productive. The Farm Credit Council, a trade organization of the Farm Credit System, will organize the event, which is scheduled for September in Washington, D.C.

"Although the vast majority of farmers today will make it financially, many are suffering the consequences of credit decisions made five, or even ten years ago," said Bruner. "In the boom period of the 1970s with high inflation and appreciation of assets, the 'right' management decision was to expand farming operations, incurring higher levels of farm debt. No one - not farmers and not lenders - was prepared for the suddenness of the turnabout," he added.

"I think we've all begun to realize that the 1980s, not the '70s, represent reality," said Hauenstein. "The '70s were unprecedented boom years that won't return. Many of our problems today come from the fact that everyone thought the agricultural economy of the '70s was here to stay. Export markets were expanding at record rates and the agricultural industry in America was able to exercise its tremendous capacity to produce. Then came the worldwide recession, resulting in a dramatic reduction in export markets and depressed farm prices," he added.

"Realistic approaches to agricultural credit problems have to consider today's difficulties in light of tomorrow's needs," Harding said. "We're hopeful the forums will foster the kind of dialogue that will lead to programs and solutions that will strengthen the agricultural industry overall and help our system's leaders to meet those future challenges we know are waiting."

The Farm Credit System is a nationwide agricultural financial organization consisting of borrower-owned financial institutions organized as cooperatives. The system is made up of 12 Federal Land Banks which make long-term loans through Federal Land Bank Associations; 12 Federal Intermediate Credit Banks, which provide short- and intermediate- term credit to Production Credit Associations and other qualified institutions serving agricultural producers; and 13 Banks for Cooperatives which make loans to agricultural, aquatic and rural electric cooperatives. The Banks for Cooperatives also provide export financing for exporting cooperatives.

FARM CREDIT SERVICE

Farm Credit News

Mercner to attend Institute

WASHINGTON, D.C. — Carol M. Mercner, of West Chester, has been selected to attend the American Institute of Cooperation's National Institute on Cooperative Education, to be held July 30 - August 2 on the campus of the Montana State University, Bozeman, Montana. Nearly 2,000 people from across the country will attend the Institute.

Ms. Mercner was selected to attend the Employee and Collegiate Seminar of this Institute by the Southeast Farm Credit Service.

The Employee and Collegiate Seminar teaches college students, new cooperative employees and others about cooperative principles and operating techniques. The seminar trains participants for leadership positions in agricultural cooperatives.

Ms. Mercner will also attend the regular Institute program where nationally known speakers focusing on the theme, "Achievement Involves Commitment" will be featured. A wide range of topical areas will be covered including: developing a national food policy, strategic planning for cooperatives, financing farmers and their cooperatives, and the future role of employees and members in cooperative agri-busness.

In addition to the educational sessions, the Employee and Collegiate participants will participate in various social, recreational and leadership activities.

Other programs at the Institute include sessions for youth, young farmers, vocational agriculture teachers, county extension agents, land-grant university staff and cooperative members.

Ms. Mercner is Marketing Manager for the Southeast Farm Credit Associations. The Southeast Associations serve over 2,000 members of the agricultural community in the five-county Philadelphia area with short, intermediate and long-term loans The current outstanding loan volume exceeds 131 million dollars.

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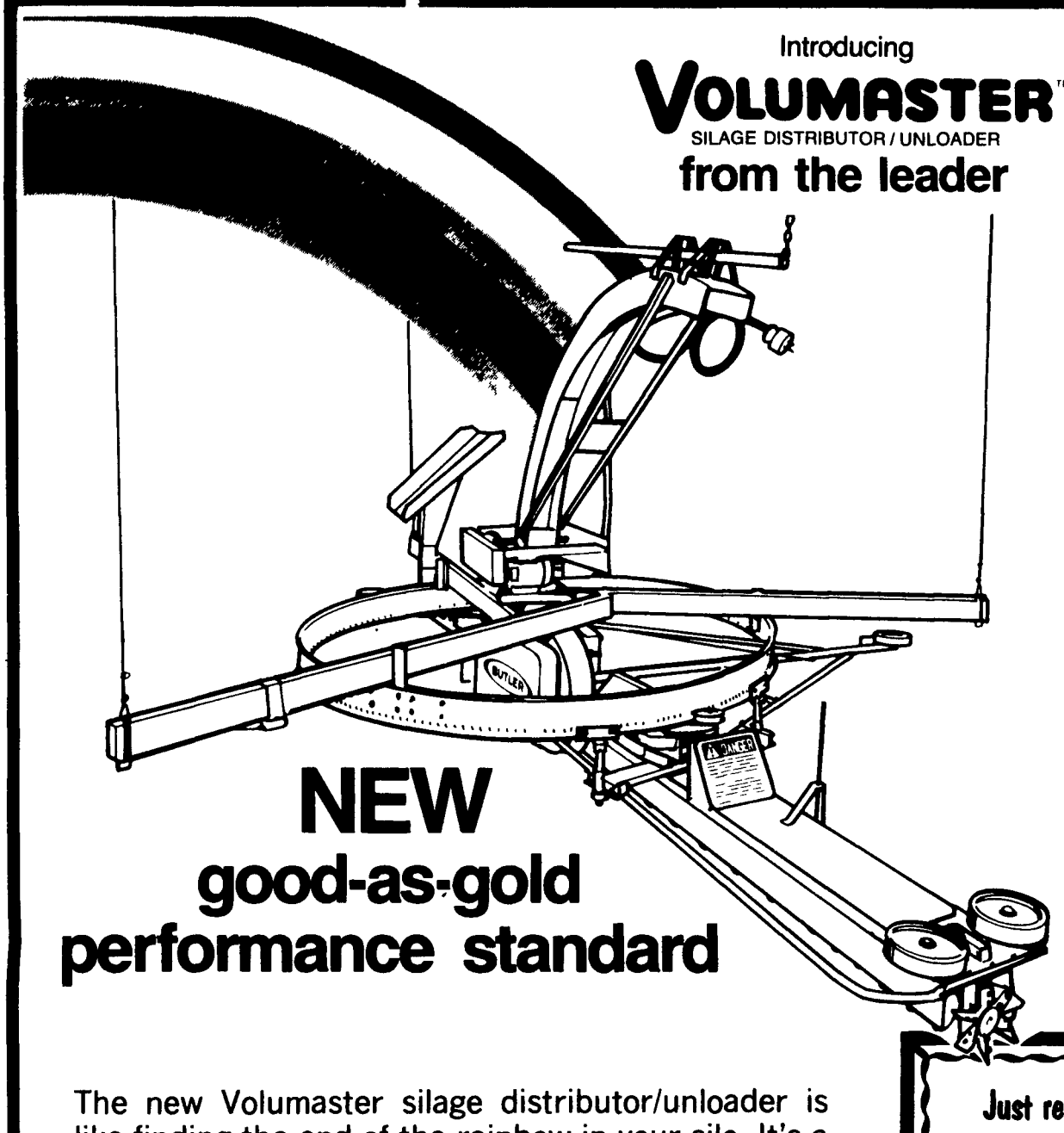

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Nutrition & temperature are keys to sow productivity

ST. LOUIS, Mo. — Heat-stressed sows are likely to consume less feed, lose more weight, and experience greater delays in returning estrus than sows not stressed by hot environments, according to David Nichols, environmental physiologist at Kansas State University.

"Temperatures of 85 degrees and above place considerable stress on lactating sows," he says, pointing to a KSU study he conducted in 1983 on drip-cooling lactating sows. In the study, heat-stressed cows shrank considerably more during lactation than those cooled by a drip irrigation system, "In fact, drip-cooled sows lost an average of only 8.4 lbs. during lactation, while their heat-stressed counterparts lost 38.5 lbs.," Nichols recalls. "And while the drip-cooled group weaned an average litter weight of 123.9 lbs, the heat-stressed sows weaned litters weighing an average of 112.2 lbs."

Sows experiencing significant shrinkage during lactation are less likely to return to estrus soon after weaning, Nichols says. "And missed or delayed estrus means downtime to the hog producer," he adds.

Excessive heat also adversely affects conception rates and the number of pigs born live, according to Oklahoma State University studies on heat-stressed sows. In one test, where 28 gilts were subjected to periods of 95 degrees Fahrenheit only 19 of them settled, says OSU extension swine specialist Dr. Bill Luce. "In the control group, where temperatures were kept at a constant 74 F, all gilts settled."

Luce points to another OSU study which indicated that gilts heat-stressed during the last three weeks of gestation farrowed an average of 5.2 dead pigs per litter, while the control group farrowed only 0.4 dead pigs per litter. "Extreme heat affects gestating sows most adversely during the first and last three weeks of pregnancy," Luce adds. "During the first three weeks, it affects conception rates; during the last three, it increases the number of stillborns."

Drip-cooling is probably one of the best ways to keep sows cool during heat spells, suggests Bob George, extension agriculture engineer at the University of Missouri. "The cool water gradually dripping on the animals evaporates, lowering body temperature and reducing heat stress."

A more time-tested method George advocates for keeping sows comfortable during the summer heat is snout cooling. "This is akin to an air conditioner," he says. "It cools the air, and then drops it at low velocity around the sows heads. They inhale it, and the cooled air reduces body temperature."

Also critical to temperature control is good ventilation, George continues. To ensure optimal air movement, he advises producers to first determine air flow for the hottest summer day. This should be based on per head air movement, or air changes per minute, whichever number is higher. "Then producers should pick a combination of fans that will move that much air at 1/8th-inch static pressure," he says.

After producers have cooled the breeding environment as much as possible, they should provide rations that produce minimal metabolic body heat while meeting the animals' nutritional needs, advises Dr. Ray Washam, manager of swine technical services for Ralston Purina Company. "A sow's first reaction to heat is to go off feed, which causes body weight loss that can delay return to estrus," he says.

A solution to reduced feed intake is to provide lactating sows with high-fat, high net energy rations, the researcher suggests. "It's well-established that fat causes less heat production during digestion, and thereby decreases heat stress. High energy rations like High Octane Lactation Chow help sows maintain energy intake even during hot temperatures," says Washam.

Because of the ration's high energy concentration, the researcher says, sows can maintain body condition on less feed than on conventional rations. "In addition, these rations contain lower levels of heat-producing fiber, and are also amino acid-balanced to meet a sow's protein needs," he says.

Summers, especially extremely hot ones, can present costly breeding problems for hog producers, Washam continues. "But these problems will be far less severe if producers have fine-tuned their management techniques and facilities to meet the warm weather challenge."

DeKalb-Pfizer reports turnaround

DEKALB, Il. — This has been a year of turnaround and improvement for Dekalb-Pfizer Genetics, according to John McCarter, President. The company recorded a substantial increase in 1984 sales over 1983 figures.

McCarter summarized the company's 1983-84 sales and marketing accomplishments during the company's National Sales Conference July 8-11 in Osage Beach, Mo. More than 600 members of the sales staff and their families were in attendance.

The growth was not easy nor automatic, McCarter said. Seed production reduced two thirds due to the 1983 drought. The company's Quality Assurance staff closely monitored seed to prevent seed lots that didn't measure up to DeKalb-Pfizer's rigid standards from being planted.

To ensure adequate quantities of seed for farmers in 1985, DeKalb-Pfizer is expanding production in key product lines, McCarter explained. The company plans to produce a four-fold supply increase over the 1984 net supply for six major corn hybrids. Soybean seed production will be up 80 percent, McCarter said. He also reported increased production of forage sorghum and Sudax.

In addition to a more abundant seed supply, McCarter pointed to the company's research efforts and development of new hybrids as the components that will move the company forward in future years. DeKalb-Pfizer released nine new corn hybrids and five new soybean varieties in 1984 as a result of such research efforts.

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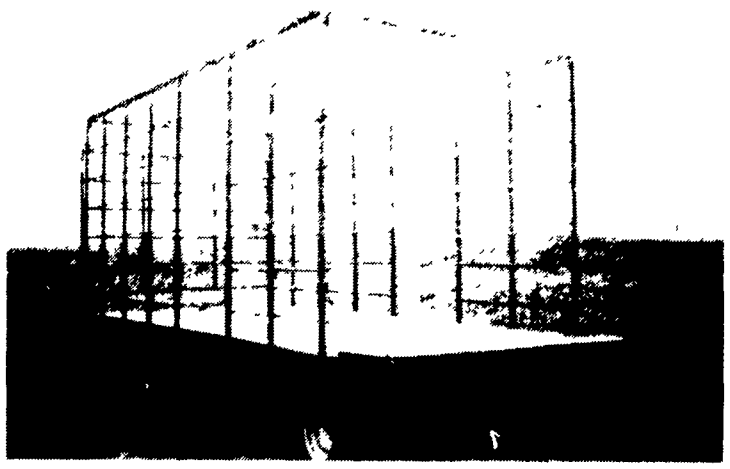

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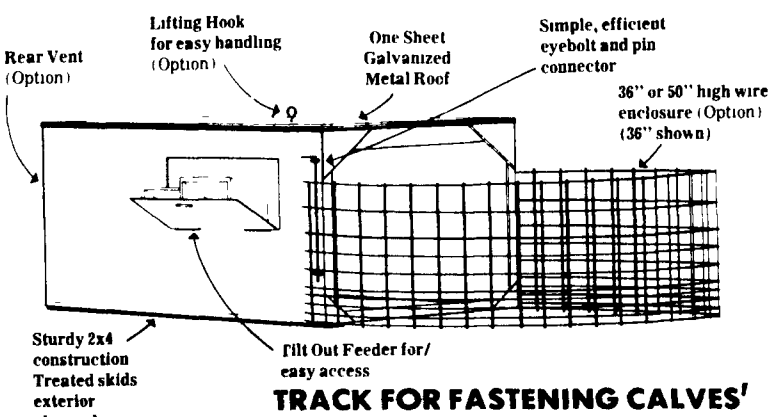
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Deere buys Farm Plan financing service

MOLINE, IL. — Deere & Company has announced it is buying all rights to an agricultural financing service called Farm Plan and will make this new source of credit available to farmers throughout the United States as part of its growing financial services operation.

The Farm Plan concept of financing originated in Wisconsin in 1974 under the joint sponsorship of the Wisconsin farm equipment dealers organization and United Bank. Under the plan, rural banks join with local agribusiness dealers to provide credit for the retail purchase of various farm inputs such as seed, feed, fertilizer and equipment parts and service. Farm Plan provides administration, records keeping, billings, and the marketing of the plan.

"Farm Plan offers an important source of credit to the agricultural community," Chairman Robert A. Hanson of Deere & Company said. "We believe that our resources and close connections with rural America can play a key role in helping direct more credit to the farm community through this plan. We think our long relationship with farmers and our understanding of their unique credit requirements will allow us to further develop Farm Plan as a credit source for American agriculture."

Farm Plan supplies farmers with a flexible form of revolving credit in that the amount of credit made available can be tailored to individual farmers' needs and the payment plans can be adapted to the cash flow cycles of individual farm operations. Farm Plan also simplifies and consolidates record keeping for the farmer by grouping his business expenses in a single monthly statement. It also improves the financial position of local agribusiness dealers by letting them convert their accounts receivable into cash.

Deere is buying the rights to Farm Plan from Association Credit Plans, Inc., of Madison, Wisc.; the United Bank and Trust Company of Madison, and the Wisconsin Farm Equipment Association.

In response to a high degree of acceptance in Wisconsin, the decision was made in 1976 to establish an organization to market Farm Plan in other states. Since 1976 this new organization, called Association Credit Plans, has extended Farm Plan into an additional 22 states where it has established an excellent reputation among farmers, bankers and agribusinesses.

In announcing its purchase of rights to Farm Plan, Deere said Farm Plan operations will be extended into the rest of the United States and availability will be broadened in states where Farm Plan is in operation now.

United Bank and the Wisconsin Farm Equipment Association will continue to operate Farm Plan in the state of Wisconsin for the next 12 months. After that Deere intends to assume operation of the Wisconsin program as well. Farm Plan will continue to be headquartered in Madison, Wisconsin.

Deere said Farm Plan will continue to invite participation from all farm equipment dealers, not just John Deere dealers, as well as all other local farm supply firms, as well as community banks.

"The purchase of rights to Farm Plan represents a further diversification of Deere & Company into financial services for farmers and the nation's rural communities," Hanson said Other Deere & Company financial operations include farm equipment financing and leasing through John Deere Credit Company and John Deere Leasing Company and a broad range of insurance services including life, credit life, casualty insurance, and commercial insurance from the John Deere Insurance group.

Corn convention to open

INDIANAPOLIS, In. — Mary Ann Malloy, special assistant to President Reagan for public liaison, will address the National Corn Growers Association at a noon luncheon on Tuesday.

President Reagan, who had been invited to keynote the conference, notified NCGA officials that campaign duties prevent his coming to Indianapolis to attend the convention but that he would send Ms. Malloy to represent the White House.

Also added to the growing list of distinguished figures participating in this four-day gathering is Ambassador Robert Lighthizer, deputy U.S. trade representative. Lighthizer, who was responsible for negotiating the long-term grain agreement with the Soviet Union, is scheduled to sum up the international aspects of the convention program in a talk Tuesday afternoon.

John Stevenson of Ohio, president of NCGA, said Tuesday activities, billed as the first International Corn Conference, will be a main highlight of the convention, with a long and distinguished list of speakers from both competing and consumer nations. Participants scheduled to date include Yoshio Okawara, Japanese Ambassador; Albert v. Melnikov, of the USSR trade delegation; Sir Roy Denman, European Communities delegation; and David Lacroze, Argentine Grain Board.

"Corn growers recognize today that we can no longer consider our markets as primarily in the U.S. We have entered the world market," said Stevenson, "and I expect this international conference to help us develop a new level of cooperation and understanding which will benefit not only U.S. corn growers but the entire world population."

Stevenson said topics at the convention will range from trade to technology, and he is expecting more than 2,000 people to attend.

Other featured speakers for the convention, which begins Sunday, July 29, are William Evans, Chicago Board of Trade; Michael Hall, NCGA in Washington; Robert Liebenow, Corn Refiners Association; John Marten, Farm Journal Magazine; Darwin Stolte, U.S. Feed Grains Council; Donald Wilkinson, Farm Credit Administration; and Orion Samuelson.

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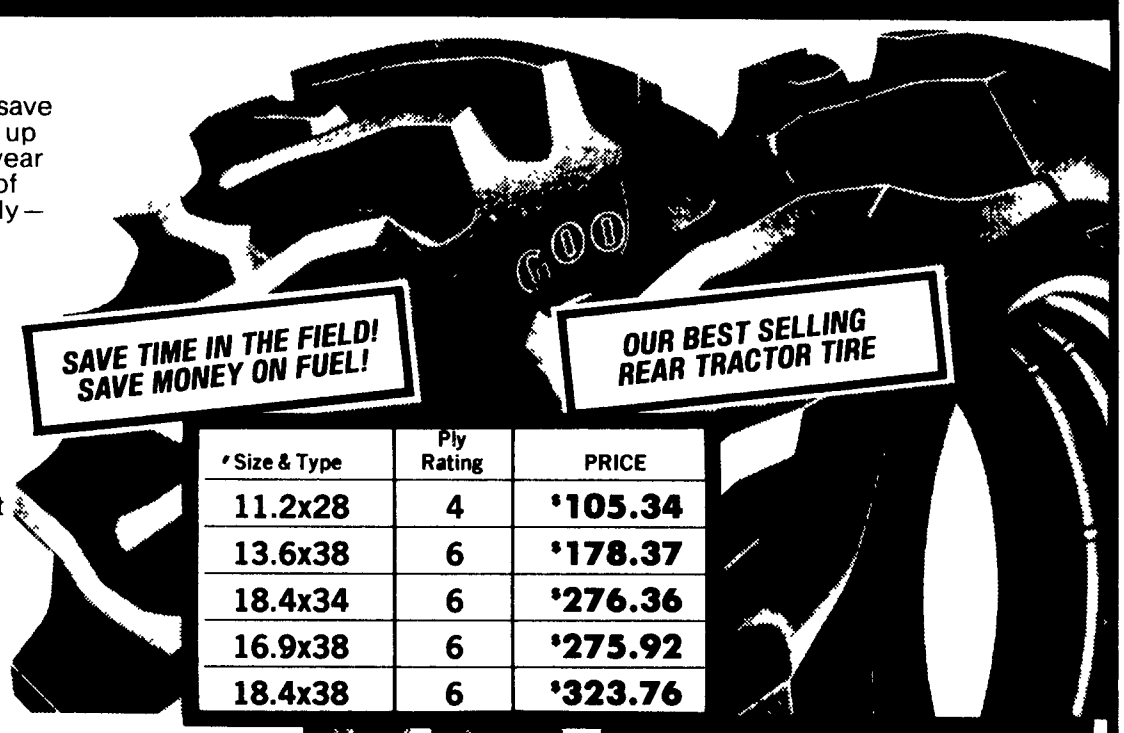

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Get realism back into ag policy

SYRACUSE, N.Y. — A long range and realistic national agricultural policy is one critically important element that should be part of the 1985 Farm Bill according to a group of New York State agricultural leaders.

Meeting recently for the second time, the newly formed 1985 Farm Bill Committee, comprising dairy cooperatives, Farm Bureau, Grange and National Farmers' Organization representatives, is "beginning to reach a consensus on the principles that should be in the Farm Bill" according to the Committee's Chairman Clyde E. Rutherford, of Otego, N.Y.

He said that all of the Committee members felt that U.S. agricultural policy too often tended to drift from one emergency to another.

"Not enough attention is paid to establishing policies and programs that will keep America's food supply abundant and available in the year's ahead," said Rutherford.

The Committee Chairman, who is also President of Dairylea Cooperative, commented that the recent Dairy and Tobacco Adjustment Act of 1983 is an example.

"The net result of the milk diversion program (in this act) plus difficult economic pressures on dairymen, plus some very bad weather in key milk production areas has resulted in a significant drop of about 3.5% in milk production," said Rutherford. "That's good news for all of us, but it only deals with today's problem.

"What is going to happen to our milk supply if the increasing rate of sellouts, bankruptcies, and foreclosures gathers momentum and can't be stopped quickly enough? What about the long term effect of subsidized foreign competition on our vegetable crop growers? What will happen to the U.S. if short range policies leave us with long range shortages, something the American public has never experienced in peacetime?

"Congress and the President as well as all concerned American citizens, should demand an agricultural policy that preserves our abundance...which means preserving our farms and our farmers. Today only 2% of the population are feeding themselves and the other 98%.

Other subjects discussed by the Farm Bill Committee were the possibility of creating a new dairy parity that would reflect current conditions in the industry; whether there should be some standby milk production control system and, if so, whether it should be direct supply management or include an incentive system for controlling the number of heifer calves raised.

There was general agreement that the federal government's dairy price stabilization program should be continued, although with updating and changes that will tie the support price more directly to the level of surplus products being purchased.

Members of the Committee include: Agri-Mark Cooperative, Allied Federated Cooperatives, Dairylea Cooperative, Eastern Milk Producers Cooperative, Lehigh Valley Milk Producers, National Farmers' Organization, New York State Farm Bureau, New York State Grange, Northeast Dairy Cooperative Federation and Upstate Milk Producers Cooperative.

Ground broken for Agricenter

MEMPHIS, TN. — Agricenter International, once just a dream of a small group of visionaries, moved one step closer to reality on Thursday, with official ground-breaking ceremonies at Memphis, TN.

The ground-breaking for a 140,000 square foot Exhibition Pavilion, featuring permanent display and office spaces, a 700-seat arena, marked the first major permanent structure for the unique center, which is expected to be fully operational by late 1985.

Although the Agricenter building is at more than a year away from being ready for occupancy, already 40 agribusinesses have announced intentions to lease space in it, space representing approximately half of what will be available.

When completed, Agricenter International will, in the words of its founders, "provide a single location where the entire agricultural community can come together, communicate, experiment, demonstrate new technology and learn." It will provide for equipment exhibits, demonstration plots, sales and training centers and special year-round exhibitions.

Agricenter International will be located on approximately 1,000 acres of prime West Tennessee farmland, much of which will be utilized as demonstration plots showing the latest in equipment, fertilizers, chemicals and production practices.

Demonstration crops will include virtually anything from wheat, grain, sorghum, corn, cotton and soybeans through livestock and dairying. Permanent sites have been designated for, among others, a livestock (beef, swine and dairy) and poultry center; a farm storage center; row crops; specialty crops; a fish and rice center; a rice center; fish ponds; an orchard area; a horticulture area; and a forestry exhibit.

Some other Agricenter features will include:

A 60-acre staging corridor for field days and farm shows, in addition to the indoor exhibition area.

A National Weather Service tower and offices serving agriculture.

Seminar rooms to host meetings and programs sponsored by universities, agencies and agribusiness companies.

A data bank, where visitors can research special interests, using information supplied by leading universities, industry sources and governmental agencies.

An international center for forest products equipment and technology.

Agricenter is a project of the state of Tennessee; the county in which it is located, Shelby County; and Agricenter International, Inc., a non-profit Tennessee corporation. Offices are located at 7777 Walnut Grove Road, Memphis, TN 38119. Telephone: 901/756-7777.

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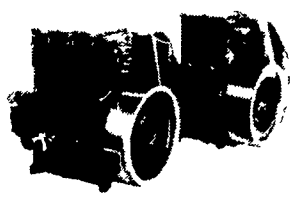

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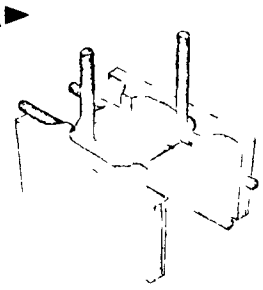

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Read those seed labels

FORT COLLINS, Colo. — Seed labels can be a big dollar saver for winter wheat growers, says a Colorado State University extension agronomist.

Extension specialist Mark Brick pointed out that reading labels at the time of seed purchase is the only way to be certain of seeds' varietal puriety, quality and freedom from noxious weed seeds and seed-transmitted insects and diseases.

Under state law all seed must be labeled for germination and purity. Seed labels carry an analysis of germination, purity, inert matter, weed seed content, percent of other crop seed and date of test.

Brick pointed out that winter wheat growers should know the meaning of and look for these terms:

Pure seed: The percentage by weight of crop seed compared to other inert matter. The best quality seed will be nearly 100 percent pure. To meet certified seed standards for small grains, seed must be more than 98 percent pure.

Other crop seed: The percentage of any other crop seed in the test sample.

Inert matter: The percentage by weight of sand, sticks, broken seed parts and other foreign material in the seed. This percentage will be small in high-quality seed. The higher the percentage of inert material, the higher the cost of remaining pure, live seed.

Weed seed content: The percentage by weight of weed seed. State seed regulations do not allow for any prohibited noxious weed seed content. Any restricted noxious weed seed content must be listed on the label.

Germination: The percentage of pure seed that will germinate under standardized laboratory conditions. Low-germination seed may be less vigorous.

Date of test: The date denotes when the germination test was made. This date should be within the previous 12 months of the date of sale to ensure that the quality of seed, especially carry-over seed, will not vary from the information printed on the tag.

Brick also warned seed buyers to watch out for shriveled wheat seed. Shriveled and light test-weight seed can reduce yields by five to 10 bushels per acre. Because of poor soil moisture in some areas, shriveled wheat is plentiful this year.

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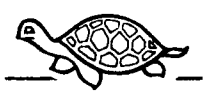

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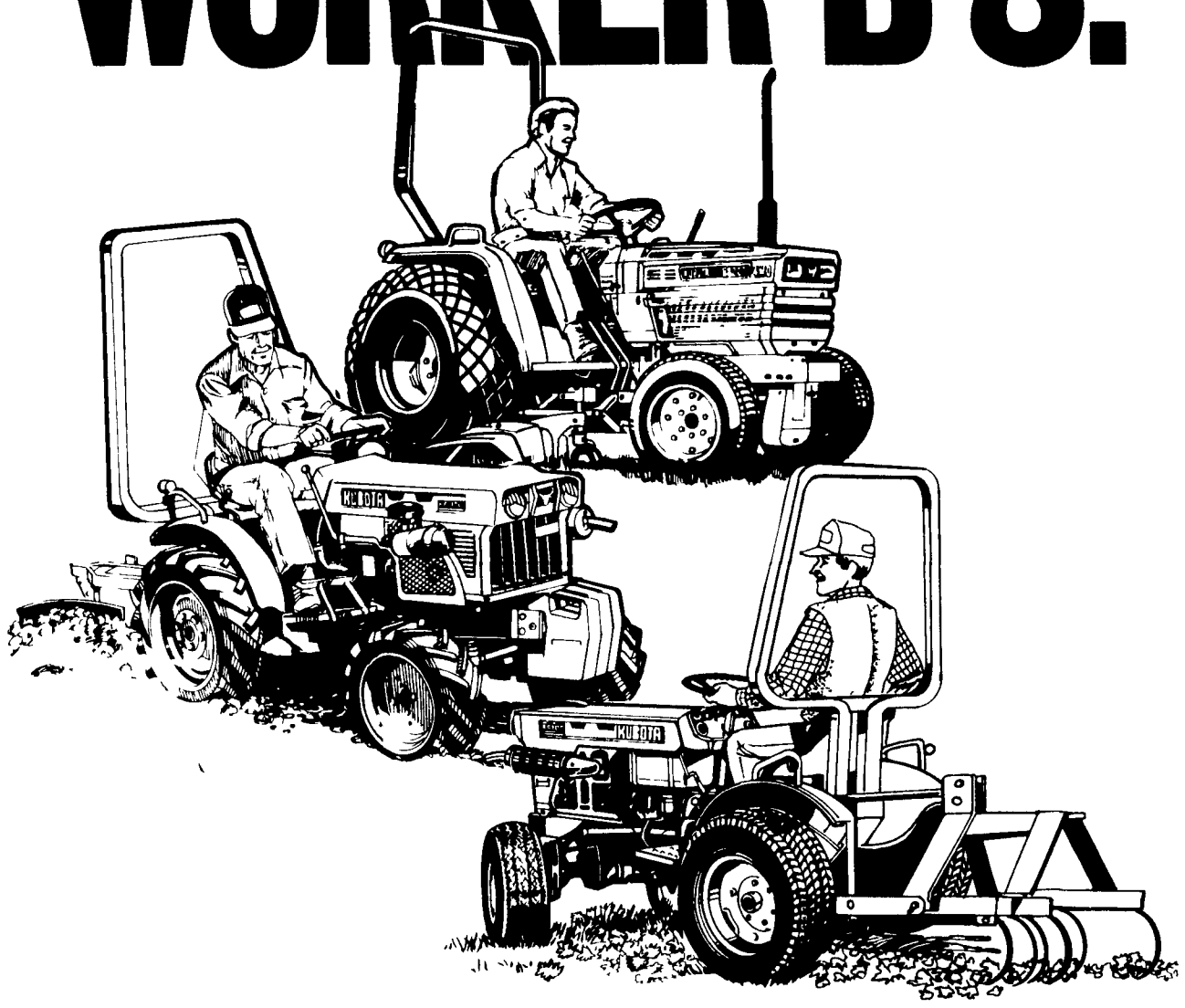

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Putting your learning to work on dairy farm

By Doris Crowley

RISING SUN, Md. — It's hard to measure the value of an education, so many of the returns are intangible. That's one reason Bob Miller felt so pleased when he learned his family's dairy operation had saved an estimated $2,000 during the first three months of this year as a result of recent dairy feed ration changes. Miller helped make those changes, based on what he learned while working on a special least cost dairy ration project during his senior year at the University of Delaware.

Bob graduated in June from the College of Agricultural Sciences with a bachelor's degree in animal science and agronomy. He now works full time in his family's 350-acre dairy operation, Pleasant View Farms, near Rising Sun, Md.

He, his brother John and cousin Al run the two-farm complex for their fathers, both retired from active dairying. (Bob's father, Jack Miller, is in charge of public affairs for the Maryland Farm Bureau; his uncle Grove is a past MFB president.)

While attending the university, Bob drove home weekends and holidays to lend a hand with the work — the Millers presently milk 55 Holsteins, down from 60 before the start of the milk set-aside program. And wherever possible he related his studies to the needs of Pleasant View Farms. When, during a conversation two years ago with college dean Dr. Donald F. Crossan, he expressed a desire to do something that would help improve the family dairy operation, Crossan suggested he look into least-cost feeding programs.

Uses computer

The University of Delaware has three computer-based dairy management programs which are available to farmers through extension dairy specialist George F.W. Haenlein, one of Miller's teachers. When Bob approached him about learning how to use one of these programs, Haenlein was delighted.

So in the spring of his junior year Bob Miller undertook a special problem with Haenlein, using a computer to compare the costs of various feed alternatives in order to develop a balanced least-cost ration for the Pleasant View herd.

"Bob was one of my attempts to take extension to the classroom," Haenlein says. "I've shown several of our older dairy farmers how to use this program, with good results. And I wanted to bring its benefits to some young farmers, too."

After teaching him some basic techniques, Haenlein told Miller he was on his own. The assignment — to use a computer to explore the various feeding options available to satisfy cow needs as well as his own economic goals as a producer. He was advised to look at three different parts of the ration:

3 Parts of Ration

— First, alternative sources of dry roughage. "What do you do when you run out of alfalfa hay?" Haenlein asked. (This actually happened to the Millers last winter.) "What can you buy or grow instead of your present roughage? What will it cost as a substitute? What will it do to production?"

— Next, alternative succulent feeds — silage, haylage, green chop, wet brewers' grain. How will changes in this feed component affect production and income over feed cost?

— What's the best grain supplement? Can barley be substituted for corn? How about whole roast soybeans?

"I told Bob to look at each of these ingredient changes separately, so he could see how each would affect production, and then decide which would put money in his pocket," Haenlein recalls. "Then, instead of telling him what to do, I let him discover the facts for himself. This way I figured he was more likely to accept what he found out."

Reviews DHIA records

After playing around with various hypothetical feed options, last September Bob Miller began running samples of his herd's Delaware DHIA (Dairy Herd Improvement Association) records through a computer to see how different feed ingredients might have affected actual feed costs. He also looked at the way ration ingredients might have influenced milk production and composition.

He used the computer all last fall, calculating hypothetical rations and comparing them with the costs and effects of actual rations. Then he wrote up his findings. It was a valuable learning experience.

The Millers dug new trench silo this spring to increase feed storage capacity on the farms.

"I knew there was a way to cut feed costs," he said during a recent interview. "But none of us had any idea how deficient our ration was before we started looking at it this way."

"Computer least-cost feed programs are great," he continued, "but you have to know what a cow will eat. And though the program balances the ration for calcium and phosphorus, you have to add the other minerals and vitamins." This meant doing a lot of research on the cow's nutritional needs — valuable background for any dairy farmer.

Nutritionist helps

When Bob's family decided to reevaluate their current feeding program last winter in an effort to improve output per cow and at the same time reduce costs, they got in touch with Maryland extension dairy nutritionist E. Kim Cassel. Bob was also able to offer some concrete, practical suggestions, based on what he'd learned.

"I used rations from the program," he said. "Then I'd go to the books and find out the cow's requirements and check them with Cassel, since she might know of cheaper ingredients. We gave her information on our production goals. We're still working with her and she's doing a real nice job helping us develop rations."

When he began running the computer feed program, Miller found it a bit confusing. "At first I'd just throw in different feeds to see what they'd do. Then I got a feel for it. Towards the end, I valued that time experimenting. I learned an awful lot."

The program lets a dairy farmer do several things. "You establish production goals for your herd (based on the number of cows, feed selection and prices). The program provides a basic ration but it isn't strictly least-cost — it's designed for maximizing income, and you must adjust the ration for the cows' specific needs. It also indicates how much less than current ingredients a certain feed must cost for profitable use."

Found improvements

By comparing the Miller herd's actual ration and production level with those provided by the computer, Bob learned what was likely to work on their farm and where improvements might be made.

"For example," he says, "alfalfa is an excellent feed ingredient, and we're growing more of that now. We didn't realize how much more economical it is to feed than what we were using. But when we started working on our ration last winter, we didn't have any on hand. In January we were running so low we had to start buying feed. Based on what I'd learned and Cassel recommended, we bought alfalfa."

At first his family was reluctant to make some of the changes he suggested, but since they weren't satisfied with their present feeding program they were willing to listen to his ideas.

Forage Tested

The Millers try to grow as much of their own feed as possible, though they ran short last year because of the drought. "We used to buy all our protein," Bob says. "Now we grow alfalfa and use that, plus some soybean meal which we buy. Our extension agent, Ted Haas (Cecil County), has been a great help in managing the crops.

You've got to have quality crops to have quality cows and high production," says Bob. "We sent our forage away for testing. It can look and smell good but not be very nourishing. We're trying to learn how to compensate, so that when we do hit some bad hay or silage we can avoid a drop in production."

The Miller herd presently averages 15,000 pounds of milk per cow per year, with 600 pounds of butterfat. Their goal is to increase that to 17,000 pounds over the next two years, without losing butterfat or raising feed costs.

Achieving this will involve improved mastitis control as well as improved nutrition. "We're working on that problem, too," Bob says. "We've been using A.I. for a long time and have real solid cows. We think we can reach our goal with overall good management in our feeding and health programs."

Barley silage

This summer the Millers are experimenting with another idea Bob brought home from college — barley silage. "I was trying to figure out what we could do to increase our supply of homegrown feed, and read about using barley this way." So he went to another of his professors, agronomist Merle Teel. "He helped me look up research information on barley silage, and we found a farmer in our area who uses it. We talked with a lot of people about it and our nutritionist recommended it."

By cutting the barley before it matures — while grain is still in the dough stage or, preferably, earlier — it's possible to get a high protein barley silage and then double crop corn afterwards. This is a good way to boost total feed yield per acre.

The key to selling the barley silage idea was the fact that the need was there. The Millers are anxious not to run out of feed like they did last year. They cut 25 acres of barley on May 18, treated it with a preservative and put it into their silo, no-tilling corn right after it. They're feeding the silage now, mixed with grain, and the cows seem to like it very much. "Barley silage isn't much talked about today," Bob says, "but it used to be a fairly common feed."

New Trench Silo

The Millers also dug a new trench silo this spring and the first thing to go in was their first cutting of alfalfa.

To keep abreast of feed ideas, Bob recently joined the new Delaware-Maryland Forage Council. "Eventually," he confides, "we'd like to be the most efficient dairy farm in the state."

Listening to him talk, one can sense his excitement at being part of a close-knit family enterprise, and the challenge he feels to help improve it. "I've milked cows for a while," he says with a smile. "I wouldn't want to do anything but farm."

Now that he knows what a computer can do for him, Haenlein hopes Bob Miller will use it in the future to make other management decisions. "He did well on this project and it paid off for him. That makes me feel good. Because he comes from a farm, Bob's project had immediate practical interest, which may help explain why he got so involved and did such a thorough job.

"Poultry production has been programmed on computers for a long time," the dairy specialist continues, "but the digestive process and nutritional needs of cattle and other ruminants are much more complex than those of chickens, and we're just developing programs that deal with these multiple needs."

Haenlein would like to see other students do the same thing, as this is an excellent way to learn how to improve dairy management. It's also an opportunity for dairy farmers to increase their computer literacy. He is convinced that electronics is the key to future economic survival for producers like the Millers, because computers can help them make more objective management decisions

"Dairy farmers must learn to base their management decisions on facts, not emotion," the specialist says. "We're developing tools now which enable them to do this. These computer programs aren't just a technological spillover, a fad. They're an economic necessity."

Bob Miller examines barley silage, a feed ingredient his family is experimenting with this summer in order to boost total feed output per acre for their dairy herd.

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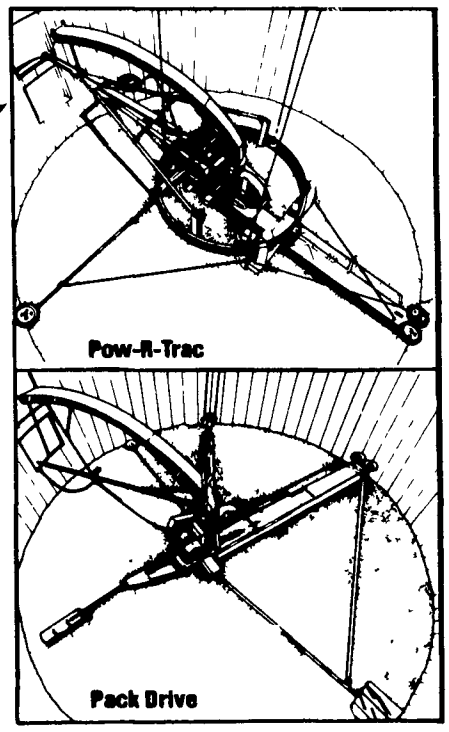

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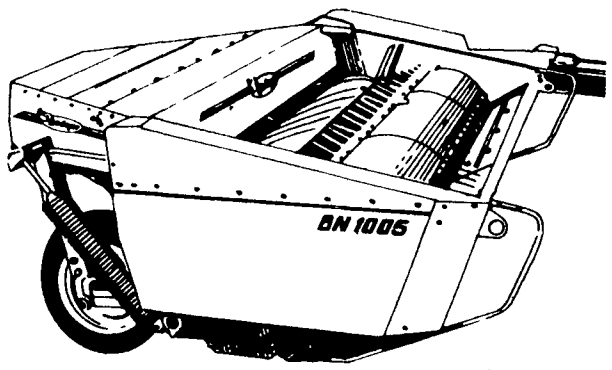

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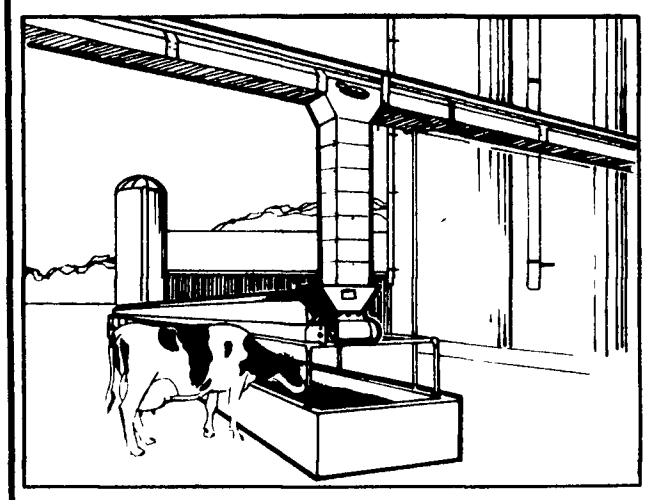

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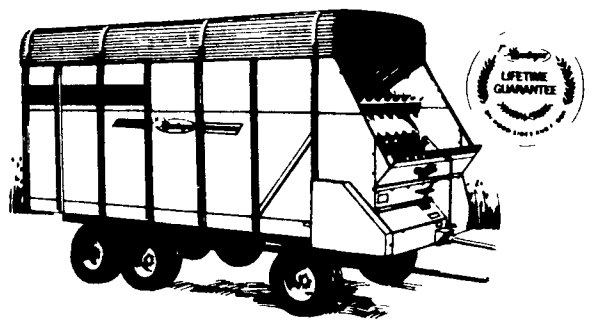

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Cornell beef book written

ITHACA, N.Y. — Ezra Cornell, the founder of Cornell University, maintained a herd of Shorthorn and North Devon cattle on his 207-acre farm that became the campus of this Ivy League school.

When the University opened its doors in 1865, the founder included his cattle, along with his Ithaca farmland, in his original endowment. Thus, the history of beef cattle programs at Cornell dates back to the year the University was founded.

This little known fact about Ezra Cornell's cattle is described in a new booklet – **A History of Beef Cattle at Cornell** – by Ken Tillapaugh who was beef cattle manager at Cornell for more than three decades until his retirement in 1983.

Tillapaugh's book chronicles the growth and development of the various beef cattle programs at Cornell University over nearly 120 years. Today, the beef program has attained stature as a major division in the department of animal science in the New York State College of Agriculture and Life Sciences at Cornell.

Research activities involving Cornell's beef cattle program now are centered in the beef cattle research facility at the Animal Science Teaching and Research Center near Harford, about 15 miles from campus. The beef facility at the 2,500-acre research center is capable of accommodating up to 600 animals.

The overall goal of Cornell's program is to develop more efficient methods of raising and managing beef cattle under New York conditions, thus making beef producers in the State more competitive with their counterparts in other regions of the country.

For a free copy of Tillapaugh's book, write to the Beef Cattle Division, Department of Animal Science, 130 Morrison Hall, Cornell University, Ithaca, NY 14853. The telephone number is (607) 256-7712.

Farm loans

WASHINGTON, D.C. — An additional $250 million for farm operating loans is being made available immediately by the U.S. Department of Agriculture's Farmers Home Administration, Secretary of Agriculture John R. Block announced.

The funds are being transferred from other loan programs where, it is anticipated they will not be needed in the remaining 12 weeks of the current fiscal year.

"This move will help ensure that farmers' needs for credit to finance this year's production will be met," Block said. "These funds are in addition to a record-high $1.91 billion already budgeted for operating loans this year for Farmers Home Administration."

Of the $250 million total, $150 million in insured – or direct – loans is being moved from the single-family housing program, and $100 million in loan guarantees is being moved from the business and industry loan guarantee program.

The additional funds will be made available on an as-needed basis to Farmers Home Administration field offices.

MF reports grinder mixers

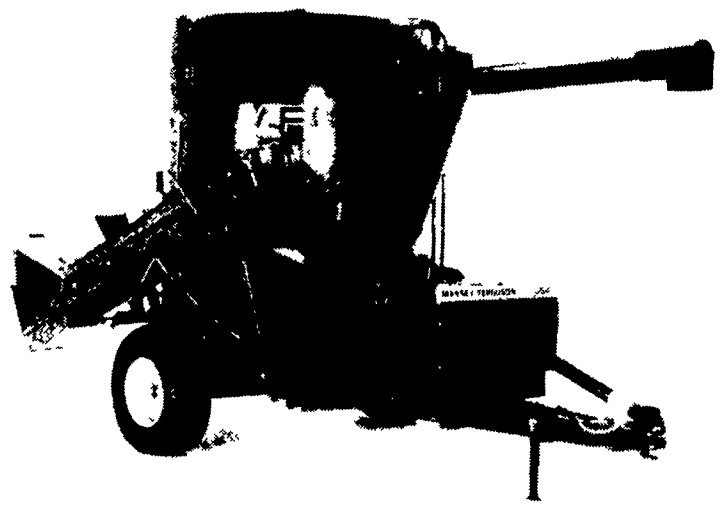
DES MOINES, Ia. — Massey-Ferguson announces the introduction of the MF 551 and MF 554 Grinder Mixers. The introductions complete the MF line of three new grinder mixers. Like the larger MF 557 model introduced earlier, the new models provide significant new features and convenience.

Heavier steel and bearings, particularly in high stress and wear areas, improve machine life. Heavy duty clamps equipped with grease zerks help insure both easier movement and positive alignment of discharge tubes. An over-center brake prevents movement of the discharge auger after it has been positioned.

Both the MF 551 and MF 554 feature optimum hammermill throat angle to help improve flow of feed materials into the grinder. The solid slide gate which limits flow of material into the hammermill includes a rubber flap added behind the gate to minimize particles through from the grinder.

Additional clearance is provided behind the hammermill screen to help when grinding hay or other light material.

Other design features include a mixing auger that "flings" material out of the mixing tank for more complete tank clean out; increased auger speeds; special one piece, formed, fiber-loaded rubber hoses that resist leaks; and a digital scale.



Massey-Ferguson recently introduced the MF 554 (shown here) and MF 551 Grinder Mixers. Both models feature optimum hammermill throat angle to help improve flow of field materials into the grinder. The MF 551 uses tractor hydraulics, while the larger MF 554 has a self-contained hydraulic unit.

The MF 551 uses tractor hydraulics, while the MF 554 has a self-contained hydraulic unit that drives both the auger feed and unloading augers as well as provides optional lift and swing control for the unloading auger.

An optional remote control unit also is available for the MF 554. This allows operation of the grinder mixer from the tractor cab or anywhere around the machine. The unit includes controls for turning the discharge auger on or off; push buttons for positioning the discharge auger; a switch for opening and closing the mixing tank discharge door, and a digital readout for the scale.

Some standard convenience items on both the MF 551 and MF 554 include a magnet in the mill throat; a ladder for easy access to the mixing tank; a conveniently located screen rack and a bag cutter in the suppliment hopper.

Soybean Expo opens Aug. 3

ST. LOUIS, MO — Use of Soybean options to increase marketing profits is just one of 21 production and marketing topics to be presented by speakers at the American Soybean Association's Soybean Expo. The four-day program is expected to draw over 2,000 participants to the Tulsa, Oklahoma Convention Center, Aug. 3-7.

Any soybean farmer can participate in Soybean Expo. In addition to 21 educational Soy Profit Sessions, Expo participants will have over 12 hours of free time to visit more than 250 exhibits that will cover an acre of indoor show space in the Tulsa Convention Center. Registration fees include admission to meals, a night at the Rodeo, entertainment Sunday night by country pops singer Ray Stevens, and a gala President's Banquet and party on Aug. 6.

The 75-minute Soy Proft Sessions include—Financial Strategies for Uncertain Times; Crop Scouting; Genetic Engineering; Managing Stress; 1985 Farm Bill Policy Alternatives; Managing Irrigation on Soybeans; Computers on the Farm; Weed Control; Time Management; Market Outlook; Improving Husband and Wife Communications; Interpreting Market Charts; Cutting Production Costs; Tillage Alternatives; Nine Signals of Financial Success; Off-Farm Investment Strategies; Fine Tuning Your Marketing Plan; Hedging with Mini-Contracts; What's New in Soybean Varieties; and Brazil: Can U.S. Farmers Stand the Competition.

Farmers can register in advance for Soybean Expo by calling the American Soybean Association at 800/325-1499 (in Missouri, call 314/432-1600). Participants can also register during Soybean Expo at the Convention Center in Tulsa.

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  Plenty of hydraulic power to pry out tough materials, fill bucket quickly.
- **HAND CONTROL LEVERS**
  Two levers provide full control of power, speed.
- **SELF LEVELING LOADER**
  Helps retain the load automatically from ground line to maximum hinge pin height.

Unit shown is equipped with non-standard items.

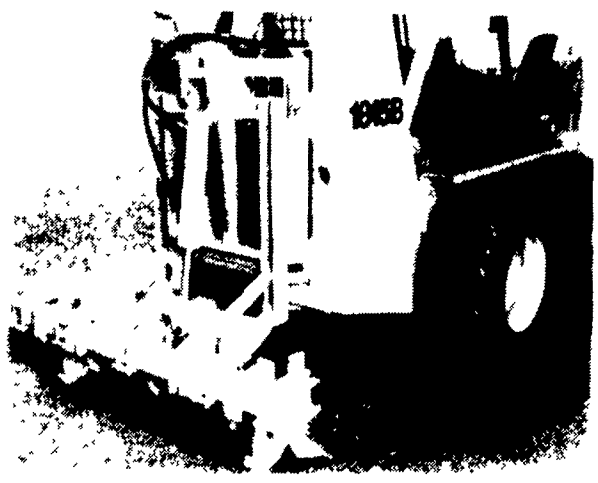
SCARIFIER:

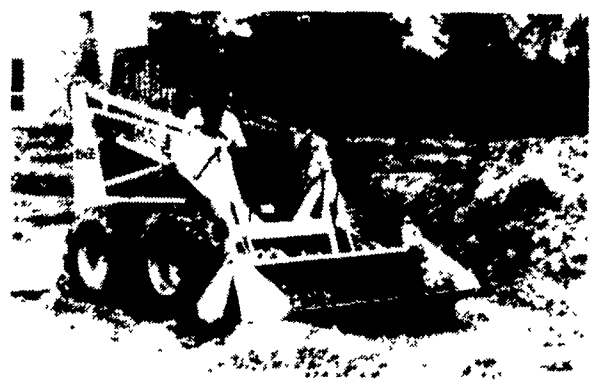
*Angle of departure (maximum)	20
Digging depth	
teeth in upper position	4 5 (114 mm)
teeth in lower position	7 5 (191 mm)
Ground clearance fully raised	
teeth in upper position	13 75 (349 mm)
Length when raised	
(from centerline of rear axle)	56 (1422 mm)
Weight of scarifier assembly	490 lbs (222 kg)

Scarifier fully raised teeth upside down depth shoes raised

4-in-1* BUCKET

Width	73 (1854 mm)
Struck capacity	10 9 cu ft (.31 m³)
SAE heaped capacity	16 5 cu ft (.47 m³)
Weight	688 lb (312 kg)



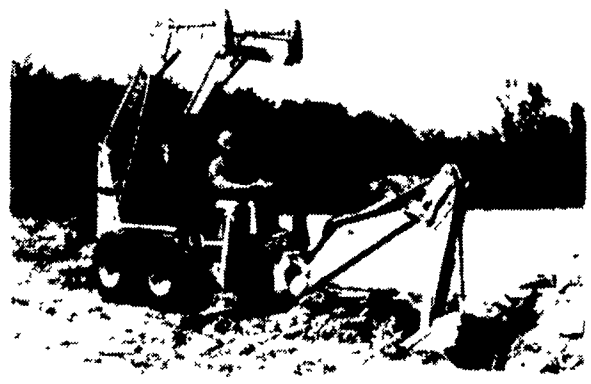


OPTIONAL EQUIPMENT (on basic machine)

12 00 x 16 5 lug type flotation tires 6 50 x 16 non pneumatic Bearcat tires • Counterweights • Auxiliary hydraulics • Cold start kit (diesel) • Belly pan • Bucket level indicator • Spark arrest muffler • Rigid drawbar • Horn ROPS enclosure • Back up alarm • Pre cleaners • Lights • Deluxe seat

PALLET FORK:

Maximum width of forks	40' (1016 mm)
Minimum width of forks	12 (305 mm)
Length of fork	37 2' (945 mm)
Overall width of attachment	50' (1270 mm)
Overall machine length	
forks on ground	141 (3581 mm)
Lifting height – maximum	111 25 (2826 mm)
Weight of pallet fork	375 lbs (170 kg)
Brick Guard	
Height	
top of lifting surface to top of guard	45 4 (1153 mm)
maximum with pallet fork fully raised	156 8 (3983 mm)
Weight of brick guard	80 lbs (36 kg)



OPTIONAL EQUIPMENT (attachments)

63 (1600 mm) and 73 (1854 mm) dirt buckets • 63 (1600 mm) and 73 (1854 mm) utility buckets • 63 (1600 mm) fertilizer and grain bucket • 80 (2032 mm) snow and litter bucket • 80 (2032 mm) stockyard bucket • 73 (1854 mm) 4 in 1 bucket • D100 backhoe • D130 backhoe • Rear tool bar • Manure fork • Hydraulic grapple • Pallet fork • Brick guard

NOTE All specifications are stated in accordance with ICED Definition or SAE Standards or Recommended Practices where applicable

IMPORTANT
J I Case Company reserves the right to change these specifications without notice and without incurring any obligation relating to such changes

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Pulling contests highlight Butler Farm Show

BUTLER — The 36th Annual Butler Farm Show scheduled for August 6-11 on the farm show grounds will feature plenty of truck and tractor pulling action.

Beginning on Monday evening with the 4-wheel-drive pulling contest at 7 p.m., four-wheel-drive contestants will vie for prize money and prestige as they pull weight against distance. Areha gate price is $1.00.

Tuesday evening finds the Super Stock & Modified Tractor pull at 7 p.m. Admission to this event is $3.00.

"Jack Fullerton's Championship Demolition Derby" is the highlight of Wednesday arena action beginning at 7 p.m. In this car-crashing spectacle, drivers are only permitted to use three gallons of gas before attempting to be the "lone" moving vehicle. Purse is set at $550.00 and the final event will include 8 cars. Admission price to this event is $3.00.

Friday night's Large Tractor Pulling Contest and Garden Tractor Pull gets underway at 7:30 p.m. Skill of tractor handling and tractor muscle are the two vital aspects of this contest. Entry fee is $2.00.

Beginning at 2 p.m. Saturday, Large Tractor Pulls will be held with a continuation of the pull at 7 p.m. the same evening.

Then the "big boys" take over the arena when the Semi-Truck Pull gets under way. The arena lights accentuate the sparkling chrome as the semi-truck cabs attempt to prove who is really "King of the Road". Only $2.00 for this all-night-long pulling contest.

The Butler Farm Show grounds are located on Rt. 68, three miles west of Butler, Pennsylvania.

Peach festival scheduled

WEST CHESTER — Marshallton Grange is holding its annual peach festival at the Grange Hall in Northbrook on Aug. 9 starting at 7 p.m.

Music will be supplied by the Royal Ramblers; there will be peaches, ice cream, and home-baked cakes to eat; plus a hay ride, white elephant table, bingo, cake walk, clown and face painting.

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	Roland	Red Coat

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dhia
Pennsylvania Dairy Herd Improvement Association

CUMBERLAND COUNTY DHIA Monthly Report

June Report

Cumberland County Dairy Herd Improvement records show that 7,968 cows in 153 herds were on production testing in June according to Duane G Duncan, County Agent Of the 126 herds on DHIA, 34 herds has an average fat production of 600 pounds During the month 107 completed their 305 lactation with 650 lbs of butterfat DHIA Supervisors working with the dairymen to improve efficiency include Harold Boldosser, 130 Old Gap Road, Carlisle, John Rolar, R D #2, Box 97, Newville, Pa , Owen McCulloch, R D #2, Box 333, Newville, Pa, and Shane Henry, R D #3, Newville, PA The following are the highest of actual butterfat in 305 days or less in the county during the month The age listed is her age at the time of freshening

OWNER NAME OR NO.	AGE	LBS. MILK	LBS. FAT
M Thomas Sheaffer			
Hope	3	23,687	967
Lee G Davidson			
Colleen	3	23,789	954
M Thomas Sheaffer			
Glamour	3	26,773	917
Ashcombe Farms			
24	3	26,346	*884
Paul Strock			
Sarah	3	22,757	884
Clifford Chamberlin			
Rhoda	3	17,902	872
Ferman L Landis			
3	B3	19 712	863
Thrush Brothers			
45	3	19,194	863
Fred B McGillvray			
Rinky	3	20,081	862
Mervin E Ruppert			
Elva	3	23,775	855
J David Martin			
Agnes	B3	24 288	846
M Thomas Sheaffer			
Minnie	3	19,590	846
Creedin C Cornman			
Twinks	3	19,286	840
Ferman L Landis			
45	B3	16,821	838
Thrush Brothers			
4	3	23,613	836
Paul Strock			
Silver	3	21,093	835
John F Stoltzfus			
Judy	3	20,532	823
Robee Acres			
Eunice	3	20,390	817
M Thomas Sheaffer			
Georgie	3	18,485	800
Mervin E Ruppert			
Fudge	B3	17,327	800
Ferman L Landis			
34	B3	23,090	792
Paul Strock			
Swifty	3	19,128	783
Leroy Showaker&Son			
Nora	3	18,702	777
John F Stamy III			
123	3	20,253	776
M Thomas Sheaffer			
Pammie	3	20,853	775

* - Indicates 3 times a day milking

OWNER	BREED	NO. COWS	% DAYS IN MILK	LBS. MILK	% FAT	LBS. FAT
Nevin Shughart	B3	31	90	19,554	630	734
M Thomas Sheaffer	3	58	87	19,632	628	706
Fred B McGillvray	3	33	89	17,991	587	692
Ferman L Landis	B3	41	90	18,014	592	688
Norman Hertzler	3	35	89	19,612	643	681
Ashcombe Farms	B3	227	86	18,844	601	*669
Sundays Vallilea Fms	B3	163	88	18,657	604	665
Ashcombe Dover Dar	B3	218	84	18,567	621	*662
Berkheimer Farms	B3	144	85	18,072	589	658
J Shephard Wolff	3	51	87	17,740	567	658
John F Stoltzfus	3	46	89	19,069	597	657
Carl Kelso Jr	B3	61	93	18,444	598	652
Kenneth E Zeigler	3	48	91	17,725	575	650
Alfred Gaisler	B3	46	86	18,177	546	649
Daniel L Martin Jr	B3	62	85	17,846	562	*649
Herbert B Shughart	3	26	89	18,104	559	648
David Gettle	B3	52	87	16,455	534	642
Paul Strock	3	119	88	17,652	584	641
J David Martin	B3	42	87	17,973	587	638
Clifford Chamberlin	3	33	81	16,675	539	632
Thrush Brothers	3	104	86	16,558	534	631
Don M Leatherman	B3	37	86	17,065	542	627
Milk Way Farms	B3	148	89	16,827	543	626
Leroy Showaker&Son	3	82	86	16,442	530	623
Donald&David Lehman	3	66	85	17,788	569	620
Robee Acres	3	104	87	16,827	552	617
Nancy M Sensenig	G3	38	86	16,551	510	615
Glenn W Myers	B3	57	87	17,129	550	612
Mervin E Ruppert	B3	44	84	17,836	566	611
Chester C Weaver	B3	71	89	16 237	523	611
Ed Kathy Kuntzelman	B3	41	89	15,110	526	611
JB Brymesser&Sons	B3	214	87	17,371	560	609
Marlin Miller&Sons	B3	44	85	17,162	555	608
Samuel D Shenk	B3	58	84	16,265	512	601

* - Indicates 3 times a day milking

Otto Brothers				
127	4	18,891	3 9	738
21	4	19,962	3 6	712
Mark A Naugle				
Emerald	4	16,521	4 6	761
Fobes	6	19,298	3 8	725
Gem	8	14,677	4 6	682
Robee Acres				
Eunice	3	20,390	4 0	817
Eltoro	4	16,337	4 2	683
Hilda	3	17,275	3 9	678
Maxie	3	17,320	3 9	675
Norman Hertzler				
Sandy	6	20,654	3 4	705
Donald L Basehore				
Faith	6	21,378	3 4	731
Delmer E Cornman				
Monica	4	19,937	3 4	684
Sundays Vallilea Farms				
290	5	20,999	3 5	740
84	5	21,412	3 1	667
22	2	15,762	4 2	658
JB Brymesser&Sons				
392	4	22,749	3 3	752
338	5	21,301	3 4	722
319	6	22,983	3 1	712
509	3	19,093	3 7	707
399	3	18,968	3 7	693
365	5	24,777	2 8	683
442	3	17,007	4 0	680
Creedin C Cornman				
Twinks	4	19,286	4 4	840
Cindi	4	18,272	3 9	706
Ashcombe Farms				
24	3	26,346	3 4	884
48	4	20,102	3 8	766
309	2	20,035	3 5	704
96	3	16,027	4 3	687
81	3	17,695	3 8	671
46	3	18,298	3 6	663
Lee G Davidson				
Colleen	5	23,789	4 0	954
Thrush Brothers				
45	10	19 194	4 5	863
4	4	23,613	3 5	836
1	6	15,891	4 6	732
82	3	16,705	3 9	651
Willard Fought				
1	6	18,656	3 6	679
Roy L Miller				
39	6	20,098	3 8	765
Paul Strock				
Sarah	4	22,757	3 9	884
Silver	6	21,093	4 0	835
Swifty	4	19,128	4 1	783
Sally	5	18,453	4 0	734

(Turn to Page D17)

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In 1984

To earn a dollar give a dollars worth of service and work Pay only $750 for the best kind of barn painting on an average barn if you pay more you paid too much

On barn siding painting temperature and timing are factors as well as penetrating kind of quality for adhesion are helpful guides for long lasting under average conditions of siding type and age

I will share helpful guidelines on roof maintenance of steel roofs by brushing on at prime time

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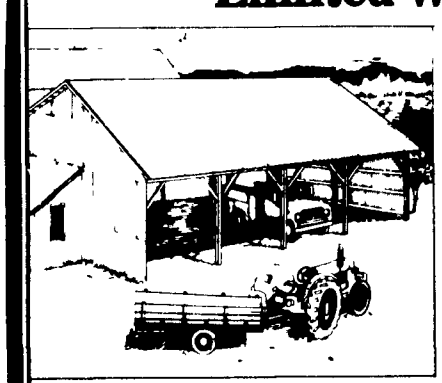
Only ONDULINE Farm Roofing Covers Your Roof With A Lifetime Limited Warranty



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- Lifetime Limited Warranty

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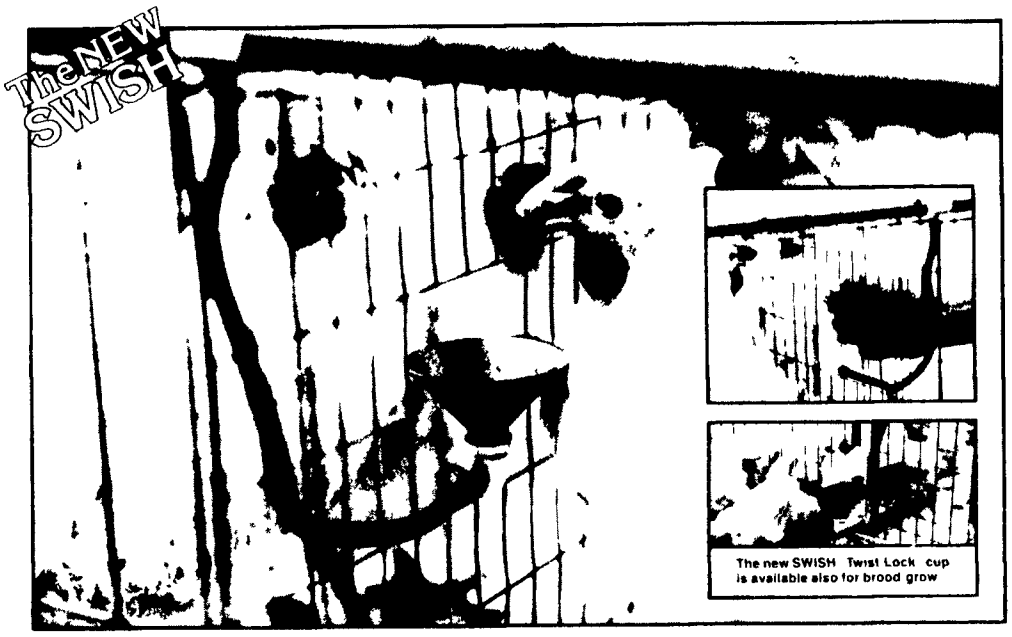
"Twist-Lock" cups: newest innovation from the new leader



The new SWISH Twist Lock cup is available also for brood grow

...another reason SWISH saves you more labor, more birds, and more money

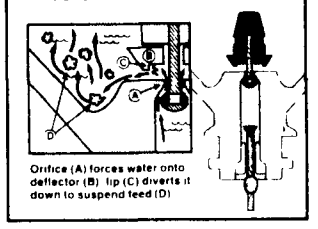
The newest twist in cage watering makes cup cleaning and maintenance a real snap it s SWISH s Twist-Lock cups for cage layers and brood-grow watering systems

Saves labor. No more contortions with hand tools inside a cage – one simple twist of the wrist unlocks and removes the unitized cup and valve It s that easy to maintain when necessary

But with SWISH, it s hardly ever necessary That s because our cup is self-cleaning Our patented valve keeps the cup clean by flushing any feed particles out so birds can consume them with the water

Installation is a snap too with SWISH s new cups they simply snap into the desired location and the hose attaches to the water line outlet These are some of the ways SWISH s new cup saves you labor – easy installation, low maintenance, and labor savings between flocks because our cup constantly cleans itself

PATENTED VALVE IS KEY TO OUR PERFORMANCE


Orifice (A) forces water onto deflector (B) tip (C) diverts it down to suspend feed (D)

Helps save more birds. Because our cup is self-cleaning, algae and bacteria growth is not a problem as with cups that don t flush out feed particles Clean cups mean less chance of disease and less mortality And our big cup means good access to water for a good level of bird health

SWISH saves you money. That s the bottom line with a system that cuts labor and keeps birds alive and productive

Get all the facts about our new cup and other SWISH innovations See your SWISH distributor or contact us

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now a division of CTB Inc

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Local Representative
DAVID NEWMAN
(717) 299-9905

Cumberland Co. DHIA

(Continued from Page D16)

Shawn	2	18,185	4 0	721
Larky	4	17,302	4 0	696
Kaper	4	20,306	3 4	686
Jerri	4	17,818	3 8	672
Celia	5	22,004	3 0	654
Paul O Dyarman				
Elva	7	17,960	3 8	681
Merle&Sharon Dice				
52	7	17,160	3 9	671
Glenn&Larry Souder				
27	7	18,219	3 7	668
David Gettle				
Nettie	5	16,257	4 3	706
Ruby	6	16,531	4 3	705
Flo	4	16,686	4 0	673
Fred B McGillvray				
Rinky	5	20,081	4 3	862
Lorane	4	19,104	3 7	716
Esty	3	17,978	3 8	680
J Shephard Wolff				
Mame	6	19,447	3 9	761
Major	6	20,243	3 7	740
John H Staub				
Cora	6	19,098	3 5	673
Frank J Yost				
Marya	6	16,253	4 0	655
Gerry	4	16,816	3 9	653
Ashcombe Dover Dairy				
R 174	2	20,391	3 7	748
31	6	19,488	3 8	743
162	3	19,441	3 7	722
Leroy Showaker&Son				
Nora	5	18,702	4 2	777
Tip	5	19,950	3 8	761
John F Stamy III				
123	4	20 253	3 8	776
142	4	20,882	3 7	764
7	5	18,460	3 9	727
163	3	21,429	3 3	712
53	3	18,169	3 6	657
Carl Kelso Jr				
109	6	17,570	4 0	696
64	2	19,082	3 6	692
104	2	18,015	3 8	688
81	2	15,336	4 3	666
79	7	20,712	3 2	657
60	2	18,607	3 5	655
Leroy Chestnut				
14	5	19 661	3 7	719
Chester C Weaver				
Salt	8	19 836	3 7	736
Agnes	3	15 384	4 5	688
Flossy	3	17 757	3 7	665
Samuel D Shenk				
Betty	4	19 696	3 4	666
Carol	4	16 894	3 9	654
Berkheimer Farms				
75	4	19 803	3 5	693
Stambaugh Farms				
172	9	17 330	4 3	742
Glenn W Myers				
Suzanne	4	20 077	3 6	728
Nancy	6	19 674	3 3	652
John F Stoltzfus				
Judy	3	20,532	4 0	823
Sheryl	2	19,115	3 6	694
Gini	5	15 948	4 3	689
Mervin E Ruppert				
Elva	4	23,775	3 6	855
Fudge	6	17,327	4 6	800
Yohe	3	17,896	4 0	708
Phylis	4	21,166	3 2	680
Mary	6	21,091	3 2	670
Whisker	6	20,736	3 1	667
Clifford Chamberlin				
Rhoda	6	17,902	4 9	872
Francis Mains				
28	4	18,437	3 7	685
Fred A Hoover				
Greta	4	16 516	4 1	674
Ferman L Landis				
3	8	19,712	4 4	863
45	4	16,821	5 0	838
34	7	23,090	3 4	792
5	6	19,251	3 8	732
Lucille Ocker Family				
Jill	7	16,138	4 1	661
Daniel L Martin Jr				
38	3	19,994	3 4	674
J David Martin				
Agnes	3	24,288	3 5	846
Rosie	5	21,797	3 4	738
Daniel R Ocker				
30	4	19,319	3 6	690
Chris Lapp				
Sally	6	15,647	4 2	656
Glenn Newswanger				
23	5	17,629	4 0	711
73	3	20,311	3 4	685
Landis R Martin				
103	4	21,961	3 5	764
Leon N Reiff				
Paula	2	16,145	4 1	668
M Thomas Sheaffer				
Hope	7	23,687	4 1	967
Glamour	8	26,773	3 4	917
Minnie	4	19,590	4 3	846
Georgie	8	18,485	4 3	800
Pammie	5	20,853	3 7	775
Boots	5	20 489	3 4	698
Arlene Showaker				
Gloria	6	16 464	4 0	654
Donald M Leatherman				
Angel	5	18 931	3 8	716
Robert E Keefer				
108	7	15 678	4 3	668

LUZERNE COUNTY DHIA
June Report

Robert Hough	RH	53 9	88 0	18,126		688
Pecora Bros	RH	159 2	88 1	18,904		685
Cows finishing their lactation period over 750 lbs Butterfat and/or Protein						
Hillside Farms Inc						
306-53	RH	9 11	305	19 995	4 1	829
P Larock / Sons						
Time	RH	2 9	282	18 165	4 3	784
Pecora Bros						
99-1507	RH	7 0	305	24,043	3 5	838
Larry Baron						
Roman63	RH	5 7	305	21,113	3 9	827
Gail-23	RH	6 1	305	19,967	4 1	828
George R Taylor						
Grace	RH	4 9	305	21,340	3 8	804

Juniata County DHIA Monthly Report

dhia — Pennsylvania Dairy Herd Improvement Association

June Report
Records were calculated for 4,698 cows in 94 herds.
The ten highest Rolling Herd Averages for the most recent 12 months of production are:

OWNER	BREED	% DAYS IN MILK	LBS. MILK	LBS. FAT
James C Graham	32H	88 7	19,606	761
Barry E Lucas	41H	85 4	18,700	739
Mark L Zook	52H	89.7	19,627	739
Marvin E Pontius	33H	86 9	18,621	699
Harold B. Shearer	39H	84.4	18,604	698
Charles Wochley	60H	88 6	17,391	690
James L Swartz	37H	86 2	18,589	686
Larry & David Noss	62H	86 1	17,941	681
Rodney - Brenda Conrad	42H	88 7	17,125	680
W Harshbarger & Sons	41H	87 5	16,531	673

Four hundred thirty-three cows completed records of 305 days or less Four of these cows produced over 900 lbs of butterfat, 7 produced over 800 lbs of butterfat, 53 produced over 700 lbs 84 produced over 600 lbs and 117 produced over 500 lbs

Dairy cows which complete lactations with an average butterfat of 850 pounds or more are listed below The owner's name and address, cow's name, pounds milk and pounds butterfat are given in order

OWNER NAME OR NUMBER	LBS. MILK	LBS. FAT
Mark L Zook		
Humpy	22,607	992
James C Graham		
Roseann	20,818	960
Marvin E Pontius		
Bea	22,616	913
Daryl & Delbert Brubaker		
12 Nora	19,567	903
Kenneth P Deamer		
Carol 57	25,574	886
Glenn & Shirley Graham		
35	23,316	865

Our new "300" timber column!

.6 pound of penta

Morton Buildings' new laminated column is treated to a .6 pound per cubic foot retention of pentachlorophenol preservative. This new treatment meets the federal government specification (USDA Form W 00571J) for the proper treatment of timber columns buried below ground.

100% sapwood penetration

The No. 1 Southern Yellow Pine components of the laminated column are kiln dried before treating to remove much of the water content, assuring 100% penetration of the sapwood.

To guarantee the new requirements are met, an independent inspection service regularly visits the treatment plants. All lumber not conforming to our specification is rejected or re-treated.

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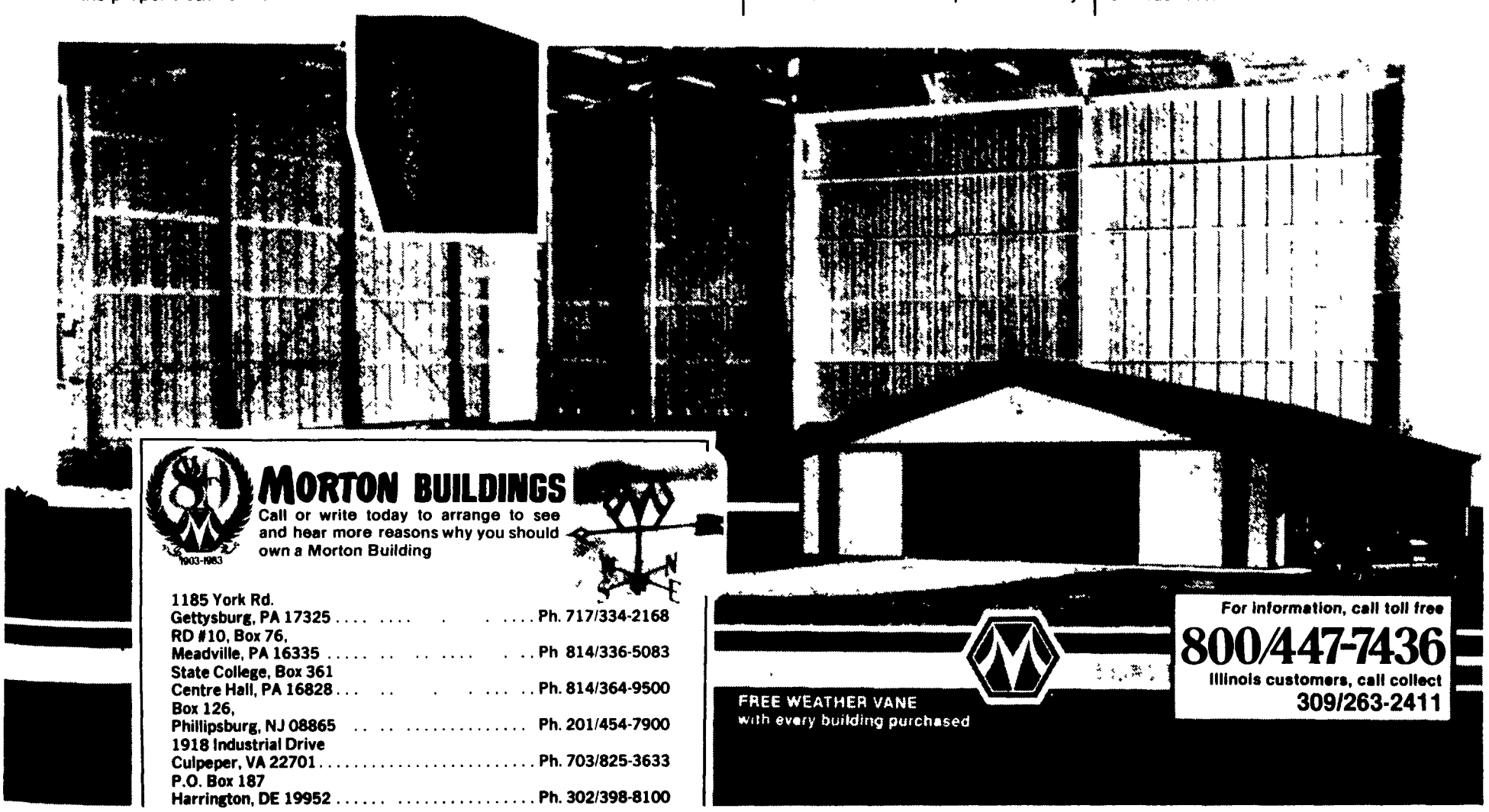

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The 1984 Active AI Sire Summary

BELTSVILLE, Md. — The July 1984 USDA-DHIA Active AI Sire Summary was recently released and is listed on the following pages.

Summaries have been calculated for all bulls reported active by artificial insemination (AI) organizations as of July 17, with 10 or more daughters. All transmitting abilities are expressed as deviations from the 1982 genetic bases and are labeled PD82.

The Active AI Summary contains Predicted Differences (PD's) for both yield and percentage for all three milk components - fat, protein and solids-not-fat (SNF). Information on protein or SNF is included for a bull if his Summary for protein or SNF had a Repeatability of 40 percent or more.

The PD dollars (PD$) is based on a milk price of $12.40 per hundredweight of milk with 3.5 percent fat and differentials of 17.1 cents for fat, 12.6 cents for protein and 8.8 cents for SNF. This was the United States average milk price for 1983 minus the average hauling and and Government assessments.

The PD$ percentile ranking based on active AI bulls has been applied to all bulls. The PD$ for each percentile was calculated from the distribution of active AI bulls for that breed. These percentiles indicate where each bull ranks among active AI bulls, which are the primary source of genetic improvement.

For the breeds with relatively few active AI bulls, the percentiles may have unusual characteristics, such as a single percentile category encompassing a wide range of PD$'s.

For the first time, records from the DHI-AP (Supervised AM-PM Without a Monitoring Dvice Following DHIA Rules, Acceptable for Use in Sire Summaries) were included in the USDA-DHIA Active AI Sire Summary.

Ayrshire

REGISTRATION NUMBER	NAME OF BULL	NAAB CODE	PCT ILE	NO. HRDS	NO DTRS	% CUL	% RIP	RPT %	MILK	FAT	$$		PD82 $$	PD82 %	PD82 LBS	RPT %	NO. HRDS	NO. DTRS
									MILK AND FAT PREDICTED DIFFERENCE-82				PROTEIN AND SNF					
129931	SELWOOD ROYAL WELCOME	73A70	75	233	588	14	13	96	+620 - 06	+16	+67	PRO	+57	-.06	+12	90	128	299
130772	ANCHOR MERE JUMBO.	29A7615	62	161	454	12	13	94	+466 - 02	+15	+56	PRO	+56	+.01	+15	85	107	218
131547	MAR RAL MADGES BOY .	73A69	56	239	704	10	9	96	+261 + 03	+14	+41	PRO	+38	- 02	+6	91	131	341
132244	MEREDITH CAVALIER.. .	73A71	43	257	673	10	14	96	+11 + 14	+18	+31	PRO	+29	-.01	2	92	169	360
132662	REIDINA DAWNER GALLANT MAN	9A32	93	161	476	14	31	94	+764 - 04	+24	+90	PRO	+79	- 06	+16	88	108	266
134302	MEREDITH LIBERATOR... .	73A89	12	299	1026	14	27	97	37 + 03	+3	+3	PRO	+14	+ 08	+8	94	208	603
134476	SENELAKECA BETTY CHAD.. .	14A745	37	156	398	11	10	94	+518 - 19	5	+25	PRO	+6	- 10	+2	86	84	179
135196	OAK RIDGE STAR MAN	73A99	0	59	137	11	44	83	-184 - 05	-13	-34	PRO	-47	-.07	-16	71	44	70
135765	OAK RIDGE FLASHY FORTUNE	15A32	6	78	198	12	4	88	-320 + 11	+1	-19	PRO	-15	+ 02	-7	73	39	98
136088	OAK RIDGE SUPER STAR .	29A7616	25	160	430	13	13	94	+94 00	+4	+13	PRO	+7	- 03	-2	87	92	208
136605	ELK-AYR HAGGAI . . .	7A42	18	12	22	***	0	56	+392 - 21	-12	+5							
138281	GRANBYENNE ROYAL COMMAND.	73A90	81	138	330	13	22	92	+748 07	+20	+82	PRO	+78	- 01	+21	86	87	179
138667	FAIR WEATHER NIPPY . .	3A104	31	45	71	11	12	76	+98 + 02	+7	+18	PRO	+8	-.05	-5	68	33	54
138701	DE AYRS HI DROPKICK ..	9A36	87	28	51	3	20	68	+634 .00	+25	+83	PRO	+70	-.08	+10	62	25	45
138851	HEB-AYR MAJOR . .	3A105	50	43	76	17	15	76	+466 13	+1	+32	PRO	+22	- 05	+7	68	32	51
139346	PALMYRA MAGIC .	9A38	68	10	16	***	94	37	+511 02	+17	+62							

Guernsey

REGISTRATION NUMBER	NAME OF BULL	NAAB CODE	PCT ILE	NO HRDS	NO DTRS	% CUL	% RIP	RPT %	MILK	FAT	$$		PD82 $$	PD82 %	PD82 LBS	RPT %	NO. HRDS	NO DTRS
									MILK AND FAT PREDICTED DIFFERENCE-82				PROTEIN AND SNF					
580204	KELLOGG MINNIES CHOICE	3G145	78	1174	7702	14	15	99	+671 - 03	+28	+91	PRO	+83	06	+15	98	760	3519
												SNF	+90 - 03		+56	75	28	139
582195	LYRENE WISTAR DEACON	83G561	31	528	1966	12	5	99	+258 + 01	+13	+39	PRO	+31	04	+2	97	339	1064
												SNF	+40 + 02		+23	66	18	74
585495	WESTERN GLOW WISTAR PREMIER	7G1036	28	547	1848	12	34	98	+130 + 09	+17	+37	PRO	+45 + 06		+10	97	374	1146
												SNF	+42 + 05		+16	69	22	40
586569	HORNBACK FARM PRINCE EXTRA	29G798	6	310	799	12	37	97	+78 + 05	+10	+22	PRO	+19 - 02		0	94	205	488
												SNF	+19 - 03		+3	44	8	25
586710	MCDONALDS PRINCE ROYAL	3G153	9	74	150	15	8	87	+278 - 07	+4	+25	PRO	+10 - 10		-3	74	39	72
586731	MAURANA WIS TELESTAR	29G796	90	489	1384	12	29	98	+791 00	+36	+112	PRO	+114	00	+27	96	303	702
												SNF	+111 - 02		+66	55	11	56
587057	SNIDERS LASSIES DAIRY LAD	15G116	43	36	91	17	13	79	+345 00	+16	+49	PRO	+49	00	+11	60	19	41
589908	CO HILL FARMS T H BIG TEX	15G120	46	80	218	16	15	88	+481 - 09	+12	+51	PRO	+38 - 10		+5	82	56	151
590165	WELCOME CHOICE ADMIRAL	29G811	96	34	56	5	2	75	+1094 + 01	+52	+159	PRO	+152 - 06		+29	60	21	32
590504	IDLE NEER RONDAS HORNET	21G255	56	5	19	***	13	35	+1021 - 38	0	+65							
591235	SHADYLAWN KING ARTHUR	21G257	18	10	28	5	15	49	+389 - 10	+6	+35	PRO	+23 - 08		+3	42	8	25
591366	WAGNERS T H EMORY	1G149	65	22	60	15	26	63	+796 - 19	+13	+73							
591499	HOLCOMBS CORP GUNAR	3G161	71	30	43	3	8	67	+807 - 19	+14	+76	PRO	+67	06	+19	60	22	33
591552	DAN BA LEE A F C GEORGE	7G172	50	29	38	14	0	68	+570 - 12	+12	+57	PRO	+49 - 07		+12	51	15	21
591673	HARMONY DOTS DANDY	29G853	87	4	14	***	9	27	+769 00	+35	+109							
591696	GRAYSMARSH T H BRIGHT FUTURE	14G182	0	33	63	18	14	72	+331 - 23	-12	+1	PRO	-13 - 10		0	65	26	50
591794	SOUTH VIEW FABIAN DANDY	29G814	53	49	79	13	13	77	+726 - 20	+9	+62	PRO	+49 - 08		+13	70	39	59
591871	DUTCH MILL TELESTARS FAYETTE	21G247	62	110	267	16	25	90	+695 - 13	+16	+72	PRO	+63 - 07		+15	84	71	171
591882	FLF TELESTAR ETHEL ELVIS	7G228	59	3	23	***	22	29	+433 + 02	+23	+67							
591895	SCHWINGHAMER FARM CAPTAIN	17G82	12	50	93	13	20	79	+32 + 14	+18	+33	PRO	+29 - 04		-2	64	33	49
592403	HOUSLEYS AFC DIAMOND	14G194	12	59	126	6	18	83	+384 - 11	+5	+33	PRO	+29 - 04		+9	76	42	89
592570	KELLOGG E CHOICE PENDER	7G179	40	26	36	***	23	61	+530 - 14	+8	+48	PRO	+39 - 06		+10	42	14	18
592580	KADENCE FARM HORNETS LUCKY	14G185	34	25	37	25	24	60	+397 - 07	+10	+43	PRO	+33 - 08		+5	44	16	19
592592	KELLOGG CHOICES RADER	1G151	25	27	40	6	0	65	+484 - 16	+3	+36	PRO	+28 -.05		+9	40	12	17
592763	RAEMELTON DEACONS FASHION	1G152	84	24	32	***	38	58	+589 + 08	+37	+101	PRO	+90 - 09		+10	55	21	29
592936	VALLEY SET D HERO	14G187	37	36	60	***	75	68	+203 + 09	+20	+47	PRO	+39 - 05		0	60	26	44
593034	TIMBER RIDGE DEACON SHAUN	14G197	18	22	34	***	39	57	+72 + 13	+18	+35							
593233	MAYWOOD ROAD L W DEACON IVAN	17G84	68	10	14	***	57	33	+564 -.03	+22	+74							
593413	ROZELYN D M ERNIES ABLE	7G184	93	17	36	***	67	55	+900 05	+35	+118	PRO	+117 + 01		+28	45	10	27
593508	SUDONA KAJO LORI FAYVOR LAD	1G153	75	10	18	***	89	35	+854 - 16	+20	+89							
593564	HARMONY QUANTITY VOLCANO	14G186	81	19	38	***	69	56	+432 + 16	+39	+94	PRO	+92	02	+12	50	17	29
594169	BOULDER VIEW TOP DEMAND	11G221	3	8	10	***	100	23	+308 -.18	7	+8							

(Turn to Page D19)

1984 Sire Summary

(Continued from Page D18)

Holstein

REGISTRATION NUMBER	NAME OF BULL	NAAB CODE	PCT ILE	NO HRDS	NO DTRS	% CUL	% RIP	RPT %	MILK AND FAT PREDICTED DIFFERENCE-82 MILK	%	FAT	$$		PROTEIN AND SNF PD82 $$	PD82 %	PD82 LBS	RPT %	NO HRDS	NO DTRS
1491007	ROUND OAK RAG APPLE ELEVATION	7H58	33	10280	54843	5	3	99	+366	+ 05	+22	+61	PRO	+56	- 02	+8	99	4947	17545
													SNF	+68	+ 03	+39	97	223	1559
1526128	WHITTIER FARMS APOLLO ROCKET	15H123	60	4333	17643	9	3	99	+982	- 12	+13	+85	PRO	+78	- 03	+26	99	1880	5080
													SNF	+81	-.02	+79	96	199	1202
1558842	ARLINDA JET STREAM TWIN	9H107	72	3678	15992	8	8	99	+1059	13	+15	+94	PRO	+96	+ 02	+36	99	2404	8178
													SNF	+105	+ 07	+103	94	130	610
1563453	WILLOW-FARM ROCKMAN IVANHOE	3H527	7	6667	30144	8	6	99	+59	+ 04	+9	+19	PRO	+23	+ 02	+5	99	4121	15355
													SNF	+20	+ 01	+6	95	161	747
1564328	POVERTY-HOLLOW BURKGOV DEMAND	29H2510	47	2702	8163	6	6	99	+1157	- 22	0	+74	PRO	+46	- 11	+15	99	1277	2856
													SNF	+11	- 38	+27	93	126	509
1580020	ARLINDA COMMANDER	14H277	15	4848	19009	8	8	99	+191	+.06	+17	+41	PRO	+37	- 01	+3	99	2461	7262
													SNF	+38	-.02	+13	97	231	1508
1589198	BARRETT-RANCH IVAN ROCKMAN	3H602	63	3600	10513	10	12	99	+859	- 07	+19	+88	PRO	+78	-.04	+20	99	2240	5093
													SNF	+79	- 06	+63	96	175	1101
1591482	DELLFIELD STANDOUT	110H2578	92	207	691	6	19	96	+1294	- 11	+26	+127	PRO	+107	- 09	+25	88	93	250
													SNF	+110	- 09	+90	73	25	98
1597697	LIMESTONE STANDOUT STREPHON	3H629	48	2856	11121	8	15	99	+823	- 09	+13	+75	PRO	+62	- 06	+16	99	2056	6926
													SNF	+43	- 20	+34	90	75	380
1597768	TEX-STEIN BURKE ASTRO BOB	77H112	1	95	591	6	14	93	-516	00	-18	-64	PRO	-49	+ 06	-5	88	61	427
1600743	SINKING-SPRINGS PER HILARY	11H1012	9	811	4351	10	20	99	+625	- 17	-9	+25	PRO	-2	- 12	-1	97	352	1276
													SNF	+1	- 15	+26	94	108	694
1607814	PARAGON BOOTMAKER	11H2612	11	1174	3098	8	17	99	+584	- 13	-3	+32	PRO	+18	- 07	+7	97	602	1187
													SNF	+29	-.01	+46	90	77	465
1608362	GREEN-BANKS ADVENTURER .	3H642	22	958	1706	13	31	99	+199	+.08	+21	+49	PRO	+39	- 04	-1	97	651	1072
													SNF	+44	-.04	+12	78	40	100
1608425	ARLINDA CINNAMON.. ..	7H241	63	5910	19359	10	26	99	+845	-.06	+20	+88	PRO	+83	-.02	+23	99	3308	9494
													SNF	+83	- 04	+66	95	177	677
1608551	MILBROFAR ELATE MAGICIAN .	3H635	10	2525	10010	9	17	99	+183	+.02	+10	+29	PRO	+21	-.03	0	99	2007	7052
													SNF	+28	+ 01	+15	59	12	45
1612058	ARLINDA PENSTAR. .	1H266	79	1294	4440	11	17	99	+692	+ 06	+35	+104	PRO	+105	+ 01	+23	98	752	1839
													SNF	+106	+.01	+61	84	44	203
1614191	WIMSON EXECUTIVE	3H643	65	1632	5045	8	25	99	+512	+ 08	+33	+89	PRO	+89	00	+16	99	1271	3473
													SNF	+93	-.01	+48	57	11	40
1619057	GLEN-VALLEY STAR	11H1056	3	4534	13194	9	18	99	+66	- 03	-3	-1	PRO	-4	- 01	0	99	2744	6743
													SNF	-15	- 09	-10	96	220	1144
1620273	CA-LILL STANDOUT CAVALIER	3H672	70	2938	8809	9	26	99	+1123	- 15	+12	+93	PRO	+79	- 06	+25	99	1968	5046
													SNF	+77	- 09	+78	94	143	629
1622953	LUCKY-ROYAL STAR ADMIRAL .	7H902	42	2233	5363	8	33	99	+454	+ 04	+24	+70	PRO	+71	+ 01	+15	99	1284	2727
													SNF	+75	+ 03	+44	86	64	184
1623662	OELFKES GOLDEN ABEL .	21H246	23	2759	8340	9	10	99	+49	+ 15	+28	+51	PRO	+69	+.09	+16	99	1515	3758
													SNF	+59	+ 03	+13	78	32	86
1624877	THUMB-PRIDE PAYMASTER.	11H173	20	384	1460	8	14	98	+465	- 04	+10	+47	PRO	+37	-.05	+7	91	123	249
													SNF	+47	+.01	+40	86	50	244
1625389	LETTERS BURKGOV TRUMP . . .	9H176	90	1458	4396	8	29	99	+887	+ 04	+39	+124	PRO	+133	+.05	+36	99	1111	2976
													SNF	+133	+ 06	+86	90	73	355
1626813	MARSHFIELD ELEVATION TONY	7H401	79	4947	15137	8	36	99	+1002	- 07	+23	+104	PRO	+95	- 04	+25	99	2897	7905
													SNF	+98	-.04	+79	94	143	606
1628242	BIS-MAY ASTRO JUPITER .	3H689	10	3391	11565	13	18	99	+128	+ 04	+12	+29	PRO	+40	+ 05	+13	99	2546	8044
													SNF	+46	+ 11	+31	89	89	245
1628967	DORLOY ROBIN REFLECTION	1H296	50	758	2557	13	37	99	+458	+ 06	+28	+77	PRO	+81	+.03	+18	97	481	1530
													SNF	+73	-.03	+34	82	40	160
1631223	LIME-HOLLOW ELEVATION MARS	29H2786	59	2941	6948	11	21	99	+937	- 11	+14	+84	PRO	+73	-.05	+21	99	1602	3235
													SNF	+84	00	+80	94	149	610
1632152	CLUE FARM INDIGO SUNSET .	3H699	66	939	1890	13	38	99	+317	+ 17	+41	+90	PRO	+93	+ 01	+12	96	702	1324
1633380	SHADE-ACRES ELEVATION FROSTY	29H2779	73	1056	2394	8	32	99	+727	+ 01	+28	+95	PRO	+85	-.04	+16	97	558	964
													SNF	+93	00	+60	90	79	329
1635843	STRAIGHT-PINE ELEVATION PETE	7H900	81	4380	11287	6	29	99	+1043	-.08	+22	+105	PRO	+89	- 06	+21	99	2598	5927
													SNF	+100	- 03	+83	93	127	414
1640590	ROBTHOM ROYAL VEEMATT	1H346	40	370	1235	15	40	97	+417	+ 05	+24	+68	PRO	+53	- 06	+2	94	224	510
1641243	C SHORELEA CITATION MARK A	76H2710	0	1297	2626	11	44	99	-562	- 17	-48	-118	PRO	-121	- 01	-20	98	897	1681
													SNF	-125	- 03	-56	75	38	100
1642796	GRUENDALE TRIUNE SENSATION	14H530	11	1069	2473	10	48	99	+290	-.01	+8	+32	PRO	+17	- 07	-3	97	608	1171
													SNF	+26	01	+18	79	35	134
1644629	LOCUST-GLEN IVANHOE ELEVATION	7H457	49	2415	4954	10	38	99	+764	- 06	+16	+76	PRO	+76	00	+24	99	1314	2398
													SNF	+73	- 03	+61	84	64	150
1647190	LE-DEL IDEAL SUPERIOR	15H180	10	2412	8283	10	20	99	+549	- 13	-4	+28	PRO	+11	-.08	+4	99	1489	4293
													SNF	+30	+ 03	+49	94	129	702
1647459	LE-DEL ELEVATION CHRIS .	29H2811	89	2782	7546	10	25	99	+1820	-.33	+2	+120	PRO	+76	- 18	+23	99	1537	3324
													SNF	+76	-.26	+104	92	88	501
1647725	SHARDALE ARLINDA CHIEF GEMINI	9H196	61	2585	8184	10	27	99	+432	+.10	+34	+86	PRO	+68	- 08	0	99	2036	6206
													SNF	+72	- 09	+21	89	83	236
1647923	TOPPATION MATT MILKMAKER	1H280	23	894	2782	10	11	99	+128	+.12	+25	+51	PRO	+34	- 07	-9	98	588	1861
1649576	OAK-MANOR ASTRO GEM .	7H905	35	348	651	8	34	96	+753	-.10	+9	+64	PRO	+48	- 07	+12	91	175	296
													SNF	+58	-.01	+57	51	11	30
1650414	S-W-D VALIANT	29H2851	98	2503	5665	5	51	99	+1295	+ 04	+54	+175	PRO	+177	+ 02	+43	99	1582	3331
													SNF	+174	- 01	+109	90	98	294
1650826	WALT-JEAN MATT	83H775	25	406	1255	12	31	97	+535	- 05	+11	+53	PRO	+50	+ 01	+15	89	144	221
													SNF	+45	-.06	+36	89	74	393
1652218	TABUR TORONADO . . .	11H469	6	187	693	7	62	95	+343	-.09	-3	+17	PRO	+12	- 01	+7	77	51	101
													SNF	+18	00	+30	81	42	210
1652245	BUSY-ACRES LINDY ..	3H734	59	1492	4229	13	48	99	+800	- 05	+19	+84	PRO	+59	- 10	+6	99	1122	2862
													SNF	+68	- 09	+50	59	16	45
1652476	JACMIN GILTEX ELEVATION TAHAR	110H5801	20	122	332	7	39	92	-13	+ 16	+28	+47	PRO	+53	+ 03	+4	73	44	70
													SNF	+61	+.09	+15	74	29	102
1654580	JEP ELEVATION PEPPER	83H732	23	6	32	0	12	49	+105	+ 13	+26	+51							
1655983	DDK MONEYRAGS	76H2039	40	24	64	3	25	67	-7	+ 23	+40	+68	PRO	+76	+.02	+6	47	14	21
1656451	MARLU TITAN . . .	15H192	15	704	1469	9	37	98	+601	- 11	+1	+40	PRO	+20	- 09	+3	97	493	988
													SNF	+22	-.11	+30	69	28	58
1656790	WILEEDA CITATION R . .	76H208	12	12	32	4	4	55	+265	00	+10	+34							
1657222	SKYLINE ELEVATION JOE	11H2004	3	121	328	10	56	91	+256	- 11	-10	-1	PRO	-8	- 04	+2	75	48	78
													SNF	-11	- 04	+10	63	18	50
1659115	MOORE-FARMS BELLRINGER .	3H743	29	251	340	14	46	94	+68	+ 16	+31	+57	PRO	+58	+.01	+3	89	157	199
1662606	BUTTERDAY BURKE ADMIRAL .	17H365	27	1799	5610	9	32	99	+209	+ 09	+24	+54	PRO	+60	+ 03	+11	98	983	2276
													SNF	+58	+ 04	+22	89	72	261
1663485	DIXIE-LEE ELEVATION DAN	83H755	18	152	242	2	64	90	+509	- 06	+7	+45	PRO	+34	- 04	+8	80	80	110
1663650	DIAMOND-C CHIEF SON RAYS	31H953	20	5	21	+++	13	43	+146	+ 10	+22	+47							
1663720	CHAR-SAM ELEVATION PABST	7H2294	28	1576	3703	10	44	99	+747	13	+4	+55	PRO	+30	11	+4	98	873	1795
													SNF	+18	- 24	+22	89	87	263
1666252	EHRS STARLITE WILLIE	7H1111	48	389	591	11	77	96	+873	- 11	+11	+75	PRO	+64	04	+19	90	183	234
													SNF	+50	- 14	+46	71	32	70
1666428	CHASEHOLME ELEVATION STARBUCK	11H464	2	169	438	9	33	94	+313	- 15	-16	-7	PRO	-36	- 13	-13	87	98	197
													SNF	-32	- 14	-2	63	15	82
1667366	CARLIN-M IVANHOE BELL	7H543	97	2568	5930	11	72	99	+1364	- 03	+43	+161	PRO	+158	00	+41	99	1428	3074
													SNF	+133	- 18	+84	85	71	173
1667607	WILL-LO ACRES VEEMAN R A-TWIN	7H514	13	411	712	16	76	96	+355	03	+7	+35	PRO	+28	- 02	+6	91	186	274
													SNF	+32	00	+27	61	22	37

(Turn to Page D20)

1984 Sire Summary

(Continued from Page D19)

REGISTRATION NUMBER	NAME OF BULL	NAAB CODE	PCT ILE	NO HRDS	NO DTRS	% CUL	% RIP	RPT %	MILK	FAT	$$		PD82 $$	PD82 %	PD82 LBS	RPT %	NO. HRDS	NO. DTRS
								MILK AND FAT PREDICTED DIFFERENCE 82					PROTEIN AND SNF					
1670356	WILLARDS ELEVATION REFORM	11H1160	6	125	211	11	74	89	-47	+.06	+9	+12	PRO	+7	-.02	-6	70	45	60
													SNF	+21	+.06	+6	43	11	17
1670737	FLORIDALE IMPERIAL PERFECTION	3H755	52	198	257	7	70	92	+439	+.07	+29	+78	PRO	+75	.00	+12	86	123	150
1672148	GOUVEIA KINGS RANSOM	110H6594	21	22	87	4	13	67	+238	+.06	+19	+48	SNF	+55	+.04	+28	46	12	17
1672151	OCEAN-VIEW SEXATION	29H2960	25	2746	5098	9	74	99	+22	+.17	+30	+53	PRO	+62	+.05	+8	99	1695	2882
													SNF	+70	+.12	+21	89	113	257
1672325	ARLINDA C A R DAIRYMAN	29H3820	73	22	81	3	45	66	+576	+.07	+34	+95	SNF	+92	-.03	+45	52	10	42
1672534	JIM-MAR-D CAL-CLARK ELEVATION	83H800	14	4	19	**	0	34	+280	+.01	+12	+38							
1674245	I-O-STATE CHIEF FORD	21H280	95	2050	3876	9	65	99	+1340	-.10	+30	+137	PRO	+111	-.10	+22	98	1171	1992
													SNF	+96	-.27	+67	75	40	82
1674398	SCHUVILLE LODY ELEVATION LAD	83H37	29	50	157	6	24	82	+483	-.01	+15	+57	PRO	+45	-.05	+6	64	25	56
1674582	MD-SUNSET VIEW R A WONDER	14H550	11	738	1285	9	56	98	+558	-.12	-2	+32	PRO	+11	-.09	+1	96	404	637
1676910	COBRYLEA QUALITY	3H794	25	251	612	12	73	95	+556	-.06	+10	+53	PRO	+56	+.02	+20	84	99	119
													SNF	+60	+.06	+55	75	35	105
1677859	GREEN-VALE T COMPLETE WILLIAM	11H1191	2	10	59	2	8	50	+271	-.13	-14	-7							
1678164	ELMSMITH MARCUS MARINER	15H202	70	693	1493	14	53	98	+1030	-.11	+16	+93	PRO	+80	-.06	+22	97	474	912
													SNF	+88	-.01	+81	79	40	145
1678710	NUNESDALE CM BLEND	29H3070	32	64	142	4	30	82	+563	-.03	+14	+60	PRO	+54	-.01	+13	44	19	22
													SNF	+53	-.04	+40	68	26	91
1679701	MIL-NOR-II DOCUMENT	31H414	18	16	37	**	14	60	+350	.00	+13	+45	SNF	+45	.00	+30	44	8	28
1680121	MILMAY KINGPIN ELEVATION BOB	29H3105	36	183	304	16	81	92	+481	+.02	+20	+65	PRO	+56	-.03	+8	77	70	98
													SNF	+71	+.05	+48	72	34	60
1680681	DIAMOND-S CYRANO-TWIN	21H575	47	29	57	2	10	72	+173	+.18	+37	+74							
1681382	MARLU PERSEUS CHIEF	7H1126	28	23	79	7	6	71	+303	+.06	+21	+55	PRO	+54	.00	+9	54	11	44
1681405	NOWERLAND ELEVATION ROCKY	3H806	59	388	578	5	82	96	+583	+.03	+27	+84	PRO	+75	-.03	+12	93	273	371
1682056	MILLIS-AN SHANE	11H1208	47	46	162	10	54	81	+677	-.04	+18	+74	SNF	+61	-.07	+43	48	8	49
1682467	WAGNERSCREST IVANHOE ASTRONAU	7H581	45	902	1465	10	86	98	+398	+.08	+28	+73	PRO	+66	-.02	+7	95	410	608
													SNF	+59	-.10	+17	69	28	66
1682485	SWEET-HAVEN TRADITION	23H206	98	818	1837	5	60	98	+1846	-.17	+34	+177	PRO	+153	-.09	+40	95	395	592
													SNF	+169	.04	+148	88	79	362
1682870	TEUNIS ROUND OAK CORONA	23H205	96	260	1121	7	62	96	+1364	-.07	+35	+147	PRO	+144	+.01	+41	86	108	176
													SNF	+147	.00	+115	80	37	227
1683955	TULLANDO ELEVATION SKY HIGH	7H1110	8	434	691	8	78	96	+656	-.19	-11	+23	PRO	+6	-.08	+7	91	212	301
													SNF	+15	-.02	+40	51	16	28
1684205	TWIN-LAWN ELEVATION JASON	29H3064	90	193	272	6	72	92	+1171	-.08	+28	+123	PRO	+101	.08	+20	84	102	137
													SNF	+120	.00	+96	44	10	17
1684385	JOLUDI ELMER CHIEF	29H3085	93	952	1556	5	84	98	+822	+.09	+46	+131	PRO	+126	-.01	+22	96	533	811
													SNF	+137	+.03	+76	78	41	116
1685148	CHAPEL-BANK MAXMAKER	14H395	3	70	89	11	62	79	-43	+.01	0	-3	PRO	-12	-.05	-9	61	35	40
1685357	THUMB-PRIDE PERFECTOR	7H1109	55	498	724	10	85	96	+1063	-.17	+7	+80	PRO	+51	.12	+11	90	181	244
1685359	DONACRES DYNAMO-TWIN	29H3098	45	96	137	7	58	86	+547	+.01	+22	+73	PRO	+76	+.01	+20	66	41	46
1687987	HOFFLAND ASTRO DYNAMITE	77H117	0	13	33	14	3	58	-418	-.08	-29	76	PRO	-71	+.03	-9	44	9	23
1688020	SIR GLENRIDGE CITAMAIT	71H3300	1	643	1371	8	22	98	-669	+.12	-4	-50	PRO	-43	+.03	-16	96	407	855
													SNF	-46	+.01	-53	69	21	71
1689470	DALAND ELEVATED ATOM	23H209	6	88	415	6	69	92	+219	-.03	+2	+17	SNF	+19	+.01	+20	66	19	61
1689657	IDELRIF ASTRONAUT CHIEF	21H301	15	282	341	13	55	94	+285	+.01	+12	+39	PRO	+35	-.01	+6	86	135	160
1689900	OLMAR STARBRITE	17H375	31	318	509	14	61	95	+409	+.02	+19	+59	PRO	+51	.02	+7	89	166	238
1690315	DELLFIELD BOOTMAKER DIVIDEND	110H6219	43	9	30	**	0	47	+471	+.04	+24	+71							
1690351	RO-KA-H STAR JESS	110H6320	18	11	15	***	0	47	+282	+.03	+16	+45							
1690429	MWS PENN-DELL KING LLOYD	1H387	25	21	32	7	0	65	+79	+.14	+28	+53							
1690612	LEPRECHAUN VICTORIAN	21H568	63	258	334	0	87	92	+552	+.06	+31	+88	PRO	+80	-.03	+11	86	135	169
1690733	TRI TOWN SILVER WAVE	11H1233	12	26	41	3	16	71	+403	-.05	+5	+34							
1690824	SCENI-VALE APOLLO MANDATE	83H725	72	8	23	***	0	45	+644	+.04	+31	+94							
1691097	THONYMA ELECTRA	1H238	77	101	191	3	63	88	+1068	-.11	+18	+99	PRO	+89	-.04	+26	77	52	97
1692148	KNOLLTOP RECKERS ACE	1H385	79	153	423	8	20	94	+612	+.08	+37	+103	PRO	+101	.00	+18	81	66	132
1692173	HARVUE BLACK KNIGHT ABS	29H3124	59	90	127	5	63	85	+773	-.04	+20	+84	PRO	+87	+.04	+27	53	22	28
1693549	RUANN MINUTEMAN	29H4151	66	17	88	1	7	67	+819	-.04	+22	+90	SNF	+93	+.03	+73	45	7	21
1694572	FREEBROOK RAG APPLE SHAMROCK	3H837	4	183	223	9	59	91	+135	-.06	5	0	PRO	18	-.08	-10	82	93	105
1694573	ADAMS-BROS COCKNEY PILOT	3H844	57	61	68	10	2	82	+47	+.26	+47	+83	PRO	+100	+.08	+15	69	32	37
1695001	BOBWOOD-ACRES MONARCH SAMUEL	110H6335	65	19	123	1	2	66	+913	-.08	+18	+89	SNF	+71	-.12	+57	44	8	13
1695219	OAKMULGEE GEE OAK-HILL EXCLAI	110H6704	10	12	56	8	5	57	+260	-.01	+7	+29	SNF	+23	-.03	+16	47	8	47
1695401	TEX-STEIN SUPREME TWIN	14H645	45	12	34	4	13	52	+360	+.09	+29	+73							
1695441	LARRY-MOORE JADE A RED	2032	1	10	18	***	56	40	646	+.11	-5	-50							
1695482	CLARETTA ELEVATION BUTTON	29H4400	42	48	75	5	8	80	+449	+.04	+24	+70	PRO	+64	.03	+10	55	22	29
1695501	ECRASO SILVER ROCKET-TWIN	11H1242	22	20	38	4	21	66	+762	-.15	0	+49							
1695981	EXRANCO RUFFIAN	23H217	40	53	121	3	10	85	+629	-.04	+16	+68	SNF	+43	-.16	+25	52	8	25
1696061	DUARTE-ACRES CHIEF GLENDELL	110H6445	6	14	18	***	0	52	+278	-.07	-3	+13							
1696190	MARVILLA DESIGNER TWIN	76H7	0	25	49	13	9	68	-827	+.13	9	68	PRO	63	+.03	-22	47	12	24
1696491	ROBTHOM CHIEF BLAZE	110H6786	34	32	83	8	11	76	+162	+.14	+30	+62	PRO	+61	+.01	+5	47	9	33
													SNF	+61	-.01	+13	56	15	25
1697109	NOWERLAND IDEAL CLIFFORD	11H1261	62	22	43	3	0	68	+552	+.06	+30	+87							
1697162	STRICKLER KEN ROYAL	29H3183	70	294	578	5	84	95	+572	+.07	+33	+93	PRO	+90	-.01	+16	88	139	211
													SNF	+98	+.04	+54	57	19	31
1697281	THUMB PRIDE STARFIRE	7H1128	92	30	40	0	8	70	+993	+.02	+39	+130	PRO	+118	-.06	+22	41	13	14
1697370	SAPA-SKA JEWEL CHIEF	17H377	50	278	479	8	57	95	+1012	-.16	+7	+77	PRO	+56	-.08	+16	88	140	210
1697572	ARLINDA ROTATE	7H1118	99	27	108	2	41	64	+1456	+.01	+54	+186	SNF	+170	-.09	+106	43	9	78
1698738	LIME-VALLEY LUCKY PRINT-TWIN	29H3161	69	200	305	0	74	92	+532	+.08	+34	+92	PRO	+82	.04	+9	81	83	120

(Turn to Page D21)

1984 Sire Summary

(Continued from Page D20)

REGISTRATION NUMBER	NAME OF BULL	NAAB CODE	PCT ILF	NO HRDS	NO DTRS	% CUL	% RPT	MILK AND FAT PREDICTED DIFFERENCE-82 RPT %	MILK	FAT	$$		PROTEIN AND SNF. PD82 $$	PD82 %	PD82 LBS	RPT %	NO HRDS	NO DTRS
1698983	DUNKOMO KNIGHT CRAWLER	11H1264	39	21	70	4	1	68	+779	+10	+67	SNF	+34	-19	+29	50	8	43
1699054	MONTY KAY CHIEF ELEVATION	118H315	5	16	42	8	0	61	-202	+12	+9	PRO	+14	+02	-3	48	11	34
1699493	K-WAY APOSTLE KING VIC	29H3195	94	50	66	12	3	80	+825	+10	+133	PRO	+139	+03	+31	56	21	26
1700428	WILLOLEA BOUNTY BOY	29H3204	75	23	42	10	9	69	+824	-02	+97	SNF	+103	+06	+77	41	8	13
1700553	KINGWAY ELEVATION VERY	15H231	42	901	1960	6	76	99	-161	+31	+70	PRO	+60	-04	-13	98	693	1464
1701583	WITHERS DOLAN	29H4070	62	23	73	2	22	70	+826	-05	+87	PRO	+78	02	+19	44	13	30
1701600	THONYMA COMMANDO	1H244	56	44	68	6	13	79	+935	-11	+82	PRO	+77	00	+26	58	24	30
1701643	FARMCREST MADELLO	7H735	47	41	65	5	3	77	+164	+18	+74							
1701719	VILLAGE-EDGE REBEL	11H2076	72	29	58	15	0	74	+534	+09	+94	PRO	+86	-03	+11	57	17	33
1702422	JO-JON MALCOLM C	14H625	62	15	54	0	6	58	+880	-07	+87	SNF	+87	00	+74	53	11	46
1702698	FOUNTAIN-HILL R A ACHILLES	3H856	48	81	111	7	6	87	+1363	-30	7	+75	PRO	+53	-09	+26	73	40	46
1702760	LAURA-LE ELEVATION MAGIC	3H882	50	242	432	7	2	96	+295	+13	+34	+77	PRO	+92	+06	+21	93	161	294
1702986	KILLDEE ASTROCHIEF WISEMAN	9H557	50	81	113	10	5	87	+509	+04	+26	+77	PRO	+73	-02	+13	75	52	64
1703462	JUNE-ACRES RAG APPLE HEILO	7H1122	55	25	104	14	27	71	+918	-11	+13	+81	SNF	+57	-15	+51	52	10	46
1703603	SILVA DAIRY STARLITE KIT	11H2078	62	27	65	5	2	72	+1150	18	+8	+87	SNF	+49	-21	+54	55	11	44
1704268	TABUR RADAR	29H3845	82	19	28	0	5	64	+947	-04	+27	+107	SNF	+111	+02	+85	58	15	23
1704438	TRI-TOWN STEADY STAR	31H415	20	51	114	8	6	83	+649	-11	+3	+47	SNF	+29	-10	+35	72	32	59
1705317	CHAR-SAM STARLITE KING	11H2060	16	26	73	3	5	72	+205	+05	+17	+42	SNF	+30	-05	+4	45	8	15
1705804	PRUITTS DYNASTY	29H3246	91	19	41	6	0	67	+916	+03	+39	+125	SNF	+133	+06	+87	45	8	17
1705850	HARMONY CORNERS SIMON TWIN	17H387	68	147	201	10	59	89	+808	-03	+23	+91	PRO	+69	-09	+8	71	55	69
1706061	S-S-F ASTRONAUT BLEND	11H2641	40	23	29	4	8	63	+681	-06	+14	+68	PRO	+68	+01	+22	43	14	15
1706944	PACK-HERD ELEVATION TERENCE	9H561	11	68	83	7	3	84	+261	00	+9	+32	PRO	+34	+02	+10	71	42	51
1706984	JOLIAM MONITOR STANDO MAGIC	11H1273	42	20	44	2	2	67	+795	-10	+11	+70	SNF	+58	-08	+54	52	9	30
1707326	GEE-BAR-DEE CHIEF ALEXANDER	31H419	76	11	50	3	11	55	+786	.00	+28	+98							
1707522	VIR-CLAR GAY JOHN JUAN	21H341	39	81	84	11	11	84	+426	+04	+23	+67	PRO	+51	-07	+1	65	35	36
1708937	ECRASO ASTROGLEN JAX	29H3313	57	21	138	4	9	71	+875	-08	+16	+83	SNF	+52	-19	+39	60	11	121
1709652	B&T ELEVATION	1H459	13	16	41	0	23	57	+178	+05	+15	+37							
1709784	COLDSPRINGS GOLIATH	14H640	17	23	52	4	0	71	+476	-06	+7	+43	PRO	+41	+01	+14	51	12	28
1709892	DUKE JADE STARLITE OF R K O	17H390	88	109	152	11	12	89	+635	+12	+45	+118	PRO	+111	03	+15	57	32	35
1709966	HARPAIN MONITOR DUKE	1H447	40	22	49	12	17	69	+180	+15	+33	+68	SNF	+69	00	+17	55	13	33
1710057	WALKWAY MONITOR JOEL	21H357	32	97	106	8	8	87	+300	+07	+24	+60	PRO	+67	+04	+15	71	47	49
1710104	BELLEVERNON STARGAZER	3H886	47	88	154	11	4	89	+349	+10	+30	+74	PRO	+71	00	+9	78	49	68
1710278	REYNACRES KIRK ROMA	3H885	49	84	116	11	0	87	+889	-11	+11	+76	PRO	+68	-03	+22	74	44	54
1710860	AR-LOY WYANDALE HUTCH KING	17H382	34	261	374	3	67	94	+484	00	+18	+62	PRO	+57	02	+12	88	154	206
1712271	EXRANCO ELECTRON-TWIN	11	5	39	73	9	0	80	+70	00	+2	+8	SNF	+8	+.01	+6	46	10	17
1712352	HOLLER-VIEW ELEVATION MARC	29H4215	84	17	38	0	15	60	+768	+05	+36	+111	PRO	+106	-01	+21	51	16	33
1712682	RIPVALLEY ELEVATION NAPOLEON	29H3345	22	196	366	7	18	94	+94	+13	+26	+50	PRO	+44	-02	2	89	115	215
													SNF	+48	-.05	+5	45	10	14
1713069	POLY CHIEF CENTENNIAL	83H801	18	15	53	7	0	63	+353	00	+13	+45	SNF	+40	-03	+24	42	6	31
1713092	PHELPS ECHO ASHFORD	3H880	32	49	52	9	0	78	+342	+05	+22	+60	PRO	+52	-05	+5	59	23	24
1713779	WILGERBIN ELEVATION HERO TWIN	11H466	59	13	28	10	9	57	+614	+02	+26	+84	PRO	+74	03	+12	51	11	23
1713821	SINNISSIPPI SKOKIE SPOT-TWIN	29H3261	59	42	52	7	2	77	+1040	-15	+10	+84	PRO	+61	-09	+15	53	18	22
1714259	COTTONWOOD VALE G D GLEN-TWIN	29H4755	59	21	46	7	8	68	+889	-09	+16	+84							
1714278	RUANN AC LOGIC	29H3268	79	50	67	7	3	80	+741	+03	+32	+102	PRO	+100	.00	+22	52	18	21
1714404	RECKERS FREEDOM	9H801	77	25	39	14	0	67	+704	+04	+32	+100	PRO	+89	-05	+14	46	14	18
1714826	ARLINDA VIOLIN	14H600	73	7	27	0	0	49	+872	-05	+23	+95							
1715076	M-V-B-A DELL DANDY DELIVERER	17H388	82	78	109	4	16	84	+918	-03	+28	+107	PRO	+95	-03	+20	60	33	43
1715095	MORRILL SELMA B J ALADDIN	3H904	7	52	65	12	0	80	-84	+10	+14	+19	PRO	+31	+06	+7	66	31	36
1715210	VIEW-HOME EVOLUTION	7H783	87	44	60	15	5	78	+1551	-24	+10	+117	PRO	+92	-08	+30	53	18	21
1715518	ORANGE-BUCKET JULIUS	83H973	65	9	19	***	12	35	+565	+06	+31	+89							
1715880	LUCK-E CHIEF TRI COUNTY	29H3287	88	53	73	11	1	81	+1027	-03	+31	+119	PRO	+105	-06	+22	56	20	25
1716764	WILLOLEA DANNY BOY	14H443	17	72	213	8	11	89	+387	-02	+11	+44	PRO	+34	-03	+5	60	21	29
													SNF	+36	-05	+24	74	23	112
1717253	PURINTONDALE APOLLO VIKING	3H917	40	75	83	7	0	85	+529	+01	+20	+68	PRO	+61	02	+11	75	47	52
1717329	KEYSTONE ELEVATION CAMARO	7H1502	79	6	40	0	3	43	+369	+19	+47	+104							
1718523	CHAPEL-BANK TELSTAR CHIEF	14H635	49	21	53	9	10	70	+518	+04	+25	+76	PRO	+66	-04	+9	64	18	49
1718536	DREAMSTREET WILLOW MAGIC OC	11H1319	1	26	48	5	2	70	+211	-16	-21	-22	PRO	-46	-11	-12	62	19	38
1720051	ALCOR GAC SAMSON	7H1114	34	11	23	***	13	47	+534	-01	+17	+63							
1720087	GREENLEDGE SEGIS CHIEF NED	29H4535	68	3	18	***	21	30	+834	-04	+22	+91							
1720256	SWEET HAVEN WHITE LIGHTENING	83H754	18	99	187	13	7	90	+113	+10	+22	+45	PRO	+39	03	1	73	45	58
													SNF	+45	00	+10	55	9	49
1720551	VALENTIA PIERRE	29H4760	83	17	25	***	0	61	+965	04	+27	+108							
1720881	KEN RIC MARCUS NEIL	9H581	63	45	50	12	5	76	+1341	25	+1	+88	PRO	+59	11	+20	64	33	34

(Turn to Page D22)

1984 Sire Summary

(Continued from Page D21)

REGISTRATION NUMBER	NAME OF BULL	NAAB CODE	PCT ILE	NO HRDS	NO DTRS	% CUL	% RIP	RPT %	MILK AND FAT PREDICTED DIFFERENCE-82 MILK	%	FAT	$$		PD82 $$	PD82 %	PD82 LBS	RPT %	NO HRDS	NO DTRS
1720886	COLDSPRINGS GANGSTER	15H252	28	42	51	7	2	76	+487	- 02	+14	+55	PRO	+57	00	+17	56	21	25
1721263	REMVALE ELEVATION SAXON	9H576	31	58	84	14	5	83	+176	+ 12	+28	+59	PRO	+65	+ 02	+10	69	38	46
1721329	NOWERLAND REVENUE	3H038	15	45	50	5	0	77	+668	- 14	-2	+39	PRO	+21	08	+7	64	31	34
1721332	MARION ADDIE CHIEF VOYAGEUR	3H939	36	47	52	15	2	77	+1202	27	-7	+65	PRO	+25	- 15	+7	62	25	29
1721333	MOODYS PAT TROY	3H922	98	51	58	4	5	79	+1110	+ 11	+61	+176	PRO	+177	00	+37	64	30	33
1721369	MIL-NOR-II DESIGN	15H452	19	41	46	11	3	73	+294	+ 03	+16	+46	PRO	+43	01	+7	56	22	25
1721716	SALACRE R A PERFORMER MAX	7H1503	76	8	39	5	0	53	+947	- 07	+22	+98	SNF	+86	- 07	+67	50	8	37
1721881	CASS-RIVER SELECT DELEGATE	7H800	91	31	41	8	0	71	+827	+ 07	+42	+125	PRO	+118	- 01	+21	45	11	16
1722425	GIL-TEX-B MILKMASTER TWIN	29H3815	76	236	315	6	79	92	+756	+ 01	+29	+98	PRO	+85	- 05	+14	77	81	94
													SNF	+84	- 07	+48	60	15	36
1723420	CURTMAID ELEVATION JO	31H403	35	21	40	6	0	66	+629	- 05	+14	+64							
1723741	CAL-CLARK BOARD CHAIRMAN	9H584	99	68	85	2	12	83	+1597	- 05	+48	+185	PRO	+178	- 02	+46	75	52	64
1723830	HOLTEX CHIEF TRIUNE	29H4130	76	16	49	6	26	57	+462	+ 13	+40	+98	PRO	+97	00	+14	54	15	46
1724053	DELLYN PATRICK	7H773	76	46	58	10	4	78	+885	- 04	+24	+98	PRO	+95	- 01	+26	55	18	22
1724325	GLEN-VALLEY ROSSPIN	7H834	53	35	46	11	0	72	+569	+ 03	+25	+79	PRO	+74	- 02	+14	58	22	30
1724404	WINTERMEN CASCADE	3H946	79	63	69	8	5	81	+1359	- 21	+10	+104	PRO	+94	- 03	+35	67	32	36
1724407	BUSY-ACRES ANNZIBAR MIDAS	3H945	10	46	50	9	0	76	+24	+ 09	+16	+29	PRO	+24	- 03	-3	66	34	35
1724583	DUARTE-ACRES IVANHOE CHIEF	29H4765	66	19	44	6	11	64	+929	- 08	+18	+90	SNF	+85	- 03	+73	44	8	27
1724611	BAYCROFT MARIU TRENTON	31H356	69	40	54	6	2	76	+178	+ 23	+47	+92	PRO	+85	- 05	0	52	21	23
1724657	LEADFIELD COLUMBUS-ET	29H4000	99	24	63	11	16	66	+1618	- 06	+47	+184	PRO	+164	- 06	+36	41	8	28
1724681	HILLIANA NICKY	83H720	65	8	61	4	5	56	+1098	- 15	+11	+89							
1724974	WILLOW-TERRACE ASTRO AUGUSTA	3H916	10	51	58	6	2	80	-44	+ 11	+18	+28	PRO	+37	+ 03	+6	72	39	45
1725090	OLMAR BEST LITE	17H400	22	266	456	17	8	96	+138	+ 11	+24	+50	PRO	+52	+ 02	+6	83	103	131
1725457	BROOKS-TWAIN PATRICK STARLIGH	110H6103	37	86	191	10	27	88	+571	- 02	+17	+66	PRO	+45	- 08	+2	72	38	77
1725512	CHAPEL-BANK PRESIDENT TWIN	7H1506	77	17	32	4	13	61	+335	+ 19	+46	+100	PRO	+97	01	+8	58	17	31
1725714	SUNNY-CRAFT CHIEF SPIRIT	9H599	95	52	67	5	2	80	+753	+ 15	+54	+141	PRO	+138	- 01	+22	70	39	49
1726440	COON-PRAIRIE COMMANDER-TWIN	14H468	18	26	34	15	0	65	+458	- 04	+9	+45	PRO	+38	03	+9	44	13	16
1726456	HAIDAN ROCKWELL	14H433	13	39	83	13	1	78	+295	.00	+10	+36	PRO	+42	+ 02	+14	62	22	37
1726541	ARTEVEL ELEVATION PRO	11	45	18	31	7	0	65	+443	+ 06	+26	+73	SNF	+77	+ 04	+42	46	9	14
1726577	BOSSIR BIG ROCK	11H2600	55	119	290	9	15	92	+918	- 11	+13	+81	PRO	+69	- 04	+20	79	48	97
													SNF	+63	- 10	+57	62	12	85
1727076	CAHABA BOOTMAKER GLENDELL	1H452	96	5	10	***	0	36	+1327	- 06	+36	+147							
1727429	DAB MONITOR FROST	21H380	83	73	77	10	9	83	+987	- 05	+26	+108	PRO	+103	- 01	+28	58	29	29
1727553	HIGHER-VIEW ASTRO MATT	7H1129	81	8	19	***	6	42	+804	+ 01	+31	+105							
1727635	MAIZEVALLEY CHIEF STARLITE	29H4195	55	9	40	8	19	47	+1001	- 14	+10	+81	PRO	+69	-.04	+22	42	8	35
1728715	RAFTER M MAGNET	31H146	77	13	39	3	0	61	+1003	- 08	+21	+100	SNF	+79	- 14	+61	51	10	27
1728972	WILLOLEA GUIDING LIGHT	31H401	74	30	57	11	0	73	+539	+ 09	+36	+96	PRO	+93	- 01	+15	40	9	13
1729073	EXRANCO GLEN	23H228	68	26	49	8	0	73	+1075	- 14	+13	+91	SNF	+77	.09	+75	55	11	28
1729728	COLLINS-HI-VIEW ELIMINATOR	14H459	31	28	39	10	0	68	+551	- 03	+14	+59	PRO	+43	06	+5	56	18	25
1729740	PENNY-OAK APPLENOTCH ANDY	21H750	33	21	36	0	14	64	+707	- 09	+9	+61	PRO	+37	- 09	+4	55	17	28
1729742	APPLENOTCH BETTYS ANDY	11H1331	52	26	71	15	10	73	+868	- 10	+13	+78	PRO	+78	+ 01	+28	55	12	45
1729917	IVAJEN LONE RANGER	9H587	83	41	45	8	3	74	+472	+ 16	+46	+109	PRO	+106	- 01	+13	61	27	31
1730078	PANDADALE DEFIANCE	3H1010	66	79	112	9	1	86	+984	- 11	+16	+90	PRO	+89	-.01	+30	73	44	48
													SNF	+85	- 02	+77	42	7	21
1731545	CFI BIC BRIDGE	11H2092	49	12	23	***	32	53	+842	- 09	+13	+76							
1731599	NEW-WAY GLENDELL CHIEF ARROW	11H2250	84	58	108	3	37	80	+589	+ 12	+43	+111	PRO	+98	- 06	+8	74	43	88
1731632	PENN-DELL CALCULATOR	7H830	93	37	44	6	3	73	+1366	- 12	+26	+132	PRO	+121	- 03	+35	52	19	20
1731633	KHH PAT OXFORD	3H1006	37	49	55	11	2	77	+547	- 01	+18	+66	PRO	+46	- 08	+2	67	34	35
1731655	JO-EL KIRK CHIEF DIABLO	3H959	13	48	62	13	2	77	+317	- 01	+10	+37	PRO	+40	+ 01	+12	66	33	39
1731930	CRESCENTMEAD PINTO	7H803	33	39	53	5	4	76	+305	+ 07	+24	+61	PRO	+61	00	+10	49	18	21
1732186	BUCKSTEAD FURY IDEAL	29H4780	89	12	29	***	17	52	+850	+ 05	+39	+121							
1732211	DREAMSTREET FAST BUCK	76H11	3	57	117	6	19	81	-160	+.06	+5	-2	PRO	-7	- 03	-9	79	55	110
1732992	MICHAEL ELEVATION ANIMATOR	14H620	8	16	80	4	3	56	+96	+ 03	+9	+22	SNF	+23	+ 01	+10	50	13	77
1733434	VALENTIA BOOTMAKER CEDRIC	29H4280	87	14	32	4	10	58	+967	- 02	+32	+117	SNF	+108	- 06	+72	43	8	20
1733603	REU-HEL FARMS CHIEF STANDARD	9H589	86	50	53	7	0	77	+635	+ 11	+42	+113	PRO	+122	+ 04	+28	66	37	39
1733665	WALKER-FARM ASTRONAUT DENNIS	14H665	43	42	93	9	8	79	+622	- 02	+18	+71	PRO	+65	- 02	+15	72	32	73
1734067	WINDSWEPT-M MAJESTIC	7H1124	65	13	42	3	10	59	+592	+ 05	+30	+89	PRO	+82	- 03	+13	42	9	20
1734212	SUN-KOTA GENIE GENIUS	14H467	92	41	58	13	6	75	+420	+ 25	+59	+128	PRO	+144	+ 07	+26	61	25	33
1734865	IOKA-HEIGHTS EL RICO RHEVA	14H690	34	17	29	8	4	55	+484	00	+18	+62							
1735038	COLDSPRINGS HAMLET	9H608	40	46	52	9	0	75	+960	- 17	+4	+68	PRO	+70	+ 01	+32	66	33	38
1735516	SPRUCEGATE GOLDEN ELEVATION	76H216	9	4	58	2	9	33	+14	+ 08	+15	+27							
1735582	RUANN JET STREAM CORVAIR	29H3435	81	38	48	12	0	73	+1100	- 10	+21	+106	PRO	+106	00	+35	50	15	20
1735788	GET-US ROCKET HAWK	11H2108	91	14	27	4	4	55	+1245	-.10	+27	+126	PRO	+116	04	+32	45	10	22

(Turn to Page D23)

1984 Sire Summary

(Continued from Page D22)

REGISTRATION NUMBER	NAME OF BULL	NAAB CODE	PCT ILF	NO HRDS	NO DTRS	% CUL	% RIP	RPT %	MILK AND FAT PREDICTED DIFFERENCE-82 MILK	%	FAT	$$		PD82 $$	PROTEIN AND SNF PD82 %	PD82 LBS	RPT %	NO. HRDS	NO. DTRS
1736222	TIGER-LILY TOBY ROCKET	29H3364	94	39	45	3	0	74	+1414	- 14	+25	+133	PRO	+116	- 06	+31	53	18	21
													SNF	+117	- 09	+101	42	10	12
1736388	CARNATION GLENVIEW JOE ET	11H2132	55	42	83	4	3	79	+679	- 01	+22	+81	PRO	+71	- 03	+14	58	17	28
													SNF	+77	- 03	+53	55	11	39
1737101	VIGO FOND CHIEFTAIN	16H110	18	36	64	10	11	75	+135	+ 09	+21	+45	PRO	+49	+ 02	+8	47	14	24
1737981	ROBTHOM RORAE VEEMATT KURT	15H297	41	46	58	22	2	75	+893	- 14	+7	+69	PRO	+51	- 07	+14	66	33	42
1738514	POTTERS-FIELD MYSTIC	3H1015	85	60	64	4	0	80	+993	- 04	+28	+112	PRO	+98	- 05	+21	71	40	43
1738729	SINGING BROOK STARMATE	15H277	63	45	52	7	0	75	+166	+ 22	+45	+88	PRO	+86	- 01	+4	67	37	42
1738730	KISH-VIEW JUPITER KISHCO	29H3399	74	42	57	11	0	77	+745	+ 01	+28	+96	PRO	+92	- 02	+21	59	23	29
1738844	SCENIC-VIEW CHIEF APOLLO J	29H4530	92	16	23	***	24	51	+336	+ 28	+62	+128							
1738883	TREBDALE IVANHOE G A CHIEF	21H416	35	98	109	12	1	86	+85	+ 18	+34	+64	PRO	+68	+ 02	+6	69	41	46
1738945	LEPRECHAUN BARNEY	11H2151	47	14	42	3	16	58	+726	- 06	+16	+74							
1739091	AR-B ANTICIPATION	29H3392	92	41	45	12	5	73	+459	+ 23	+58	+129	PRO	+129	- 01	+15	58	22	26
1739131	VIGO FARM CHIEF JULIAN	1H291	52	47	67	5	3	79	+493	+ 05	+27	+78	PRO	+76	- 01	+14	71	38	51
1739477	GRAYDAWN ALSTEAD	3H1039	92	42	44	0	3	74	+956	+ 03	+40	+130	PRO	+118	- 05	+21	58	24	25
1739498	JOYLAND FORCASTER STARLITE	3H1012	95	87	128	8	3	87	+644	+ 18	+56	+137	PRO	+141	+ 03	+24	77	54	61
													SNF	+136	- 02	+54	40	8	13
1739643	MAPLE RIDGE VU JOE	29H3421	53	33	71	0	13	74	+756	- 05	+18	+79	SNF	+73	- 04	+57	58	17	45
1739744	WHITTIER-FARMS CHIEF GLEN	7H859	36	49	67	12	0	80	+161	+ 15	+32	+65	PRO	+75	+ 05	+13	61	23	35
1739877	STEUBINGS CONDUCTOR NEDS	7H866	53	43	58	6	0	78	+786	06	+17	+79	PRO	+67	- 06	+15	61	25	30
1740014	VAN-VLIET CONDUCTOR NEMO	31H425	84	8	22	***	5	43	+1098	- 08	+24	+111							
1740263	MAPLEBOUND LEANDER	76H10	7	11	19	***	6	49	+108	+ 02	+7	+19							
1740280	BALLAND MAGNET FRED	14H680	9	11	26	4	0	52	+366	- 06	+2	+27							
1740293	TESK HOLM DREAMER	14H483	15	23	37	12	0	65	+101	+ 09	+20	+41							
1740777	COW-CREEK CONDUCTOR BOOTS	7H874	66	57	67	10	3	80	+531	+.08	+33	+90	PRO	+82	- 04	+10	60	27	30
1740781	E-Z-ACRES STARLITE BACHELOR	3H1034	96	41	46	19	3	73	+939	+ 09	+51	+147	PRO	+140	- 03	+24	63	28	31
1740970	GRUENDALE STANDOUT CHIEF	11H2130	56	10	25	8	0	54	+983	- 13	+11	+82							
1741025	WALHOWDON CONDUCTOR ENGINEER	11H1340	68	27	62	6	18	68	+857	- 05	+21	+91	SNF	+88	- 02	+69	51	12	37
1741079	BOBIDEE WALLABY	11H470	16	17	50	3	15	62	+222	+ 05	+16	+42	SNF	+44	+ 02	+22	48	10	32
1741194	WHITEHEAD DEMAND HUGO	31H466	63	19	49	2	0	68	+917	- 09	+17	+88	SNF	+47	- 28	+31	42	7	17
1741245	LAGUNITA BOOT GLENDELL FRANCS	29H4650	63	11	80	9	14	48	+603	+ 04	+29	+88							
1741317	EASTVIEW G A CHIEF GILL	29H3450	50	27	42	10	2	70	+582	+ 01	+28	+77	SNF	+52	- 17	+21	42	10	12
1741735	WILLMONT IC RAY	110H6369	79	12	43	***	53	51	+703	+ 05	+34	+103							
1741790	CLARKSTEAD CHER CONDUCTOR CRI	110H6381	22	18	62	10	28	65	+583	- 08	+7	+49							
1742052	RIEHLHOLM MUTUAL . . .	3H1033	57	48	68	7	30	76	+624	+ 01	+25	+83	PRO	+103	+ 09	+36	72	40	58
1742432	COUNTRY-HOME CONDUCTOR SQUIRE	1H475	23	9	29	10	0	53	+319	+.04	+18	+51	PRO	+43	- 04	+4	51	9	29
1742490	LAWCREST ATTRACTION .	15H290	28	58	63	13	2	79	+518	-.03	+13	+55	PRO	+45	-.04	+8	62	32	33
1742627	FACER FARMS BESTWAY	3H1043	22	54	58	9	0	78	+941	-.22	-6	+50	PRO	+35	- 06	+18	68	32	35
1742635	RAY-MC JET STREAM RAG APPLE.	110H6380	60	11	35	15	13	53	+1039	- 14	+11	+85							
1742725	D-V-C MONITOR ARION	11H2118	40	23	70	10	6	68	+949	- 16	+4	+68	PRO	+61	- 02	+25	52	12	51
1742960	MEGAS MINA GLENDELL MISTER	7H1511	19	14	44	0	32	55	+660	- 12	+2	+46							
1743139	MERWILL STARLITE KERRY .	31H190	65	8	31	4	13	48	+513	+ 08	+33	+89							
1743141	BANOS CHIEF ELMO . .	31H192	45	7	18	***	6	40	+798	- 09	+13	+73							
1743178	GERANJO CHIEF IVAN	29H4230	88	16	41	0	14	64	+1416	- 19	+16	+118	SNF	+73	-.27	+69	50	10	23
1743181	RANDLAND COMMANDER-IN-CHIEF	14H486	27	32	43	9	5	69	+500	- 03	+13	+54	PRO	+52	00	+14	55	20	25
1743656	VIGO MAGNETIZE RED .	31H197	15	11	35	8	21	49	+244	+ 04	+15	+41							
1743677	BREEZYVIEW JOB ROYAL STEWART	9H622	53	69	82	7	3	83	+613	+ 01	+23	+79	PRO	+79	+ 01	+20	78	61	73
1744038	GERLOFF GRANADA .	29H3529	65	43	61	18	9	75	+616	+ 04	+29	+89	PRO	+73	- 08	+7	58	20	32
1744041	WILL-CAN-DO CONDUCTOR JUSTIN	7H1501	55	17	42	0	15	59	+710	-.03	+20	+80							
1744313	AUFDERMAUR GLENDELL LINCOLN.	7H1508	57	21	52	6	31	61	+462	+ 08	+31	+83	SNF	+60	- 15	+13	59	21	49
1744617	LECHEROS ALL-TWIN .	23H232	56	24	41	3	0	69	+932	-.11	+13	+82	SNF	+65	-.10	+60	48	8	20
1745324	LAGO-VIEW MAGNET RASCAL-RED	14H6	17	49	65	10	24	74	+1107	-.30	-16	+44	PRO	+8	-.13	+7	60	27	34
1745454	JUNGE J S SCOUT .	9H614	23	67	84	7	7	83	+817	- 17	-1	+51	PRO	+44	- 02	+21	78	54	70
1745456	FIVEBROOKS STARFIRE	9H625	98	58	68	6	2	80	+1485	- 07	+41	+165	PRO	+140	- 10	+27	74	49	56
1745739	ARNOLD-ACRES SUNDANCE .	15H293	74	22	26	10	0	61	+805	- 02	+26	+96	PRO	+81	07	+14	49	16	19
1746023	CEDAR-SWAMP FLAIR . . .	3H1031	28	57	61	9	0	80	+358	+ 03	+19	+55	PRO	+46	- 04	+4	72	42	45
1746044	GLEN-ANGLE GLENDELL TOBY	118H314	13	5	12	***	0	38	+369	- 03	+8	+37							
1746275	BUFFALO-VALLEY WALES . .	3H1028	33	35	39	11	0	70	-16	+.21	+36	+61	PRO	+61	-.01	0	63	28	31
1746407	HEINZ-HOPE VALIANT	31H194	31	10	20	***	16	44	+456	00	+17	+58							
1746884	MARLU COMMANDER CLARION	11H2126	29	42	81	19	23	78	+728	- 11	+6	+57	PRO	+39	- 07	+9	65	21	49
1747064	HARDYS STARWARS	7H2717	76	31	51	6	24	71	+866	- 03	+25	+98	PRO	+84	- 06	+16	53	16	29
1747438	CLEVELAND G MATT	7H1130	42	3	40	4	38	38	+537	+ 01	+21	+70							
1747509	C-F-D MR WILLOWVATION	1H290	72	54	76	14	12	79	+699	+ 02	+29	+94	PRO	+93	00	+21	65	30	40

(Turn to Page D24)

1984 Sire Summary

(Continued from Page D23)

REGISTRATION NUMBER	NAME OF BULL	NAAB CODE	PCT ILE	NO HRDS	NO DTRS	/ CUL	/ RPT	RPI /	PREDICTED DIFFERENCE 82 MILK	%	FAT	$$		PD82 $$	PD82 %	PD82 LBS	PD82 RPI %	PROTEIN AND SNF NO HRDS	NO DTRS
1747640	COLDSPRINGS HELIOS	9H619	57	56	84	3	0	81	+656	00	+24	+83	PRO	+91	+ 04	+27	69	36	53
1747862	COR VEL ENCHANTMENT	7H877	39	41	60	10	11	75	+1928	07	+55	+218	PRO	+194	09	+43	53	18	28
1747910	ARLINDA ADVOCATOR	29H3577	89	29	37	7	14	66	+1415	18	+18	+122	PRO	+100	09	+28	47	15	19
1748346	TRULO FARMS APOLLO DICK	83H571	57	4	23	***	40	37	+795	- 05	+19	+83							
1748518	BRAUND VALLEY ELEVATE SCORPIO	29H4279	52	21	34	14	3	62	+174	+ 19	+39	+78	PRO	+83	+ 02	+10	46	14	21
1748645	JON VEL CONDUCTOR MEL	11H1350	53	26	38	6	6	67	+883	10	+13	+79	PRO	+67	- 03	+19	42	10	16
1748670	MARVO TOP COMMAND	110H6666	8	3	43	***	48	30	+144	+ 02	+8	+23							
1748676	ENG AMER HARDYS TOPPER	11H1316	60	25	33	12	7	64	+1002	13	+12	+85	SNF	+86	+ 02	+87	53	16	23
1749426	HUNTSDALE PARTNER	14H700	62	15	60	3	40	61	+724	01	+24	+87	PRO	+66	08	+6	41	5	35
1749584	SKOKIE INGHOLMS KLONDIKE	7H865	84	50	68	11	2	79	+1403	20	+12	+111	PRO	+90	- 08	+29	62	24	34
1750037	MD-SUNSET-VIEW CONDUCTOR LOCO	21H755	72	13	25	***	25	49	+580	+ 07	+33	+94	PRO	+92	01	+17	41	12	19
1750824	GILTEX B MILO	7H870	25	50	61	9	6	77	+749	13	+3	+53	PRO	+36	07	+10	58	24	29
1750829	ALLEGEN CONDUCTOR DAN	16H112	77	42	80	12	12	78	+329	+ 19	+46	+100	PRO	+103	+ 01	+13	50	21	25
1751115	BROWNSON STARLITE DUGAN	7H889	84	45	56	10	4	76	+650	+ 09	+40	+110	PRO	+103	02	+15	56	22	26
1751166	CHURIA MAGNET CHARISMA	110H65 6	37	28	50	7	11	69	+610	03	+16	+66	PRO	+46	09	+3	42	11	18
1751170	MISTY MAPLES ARLINDA MAGNET	7H2777	45	28	55	8	20	70	+1794	26	+15	+141	PRO	+105	12	+29	41	13	16
1751318	GOUVEIA ROCKSTAR	29H3465	55	42	51	9	6	74	+530	+ 04	+27	+80	PRO	+84	+ 02	+20	47	17	19
1751447	EKO ACRES GLENDELL KIT	76H214	5	9	35	13	12	49	+2	+ 02	+3	+5							
1752171	COLDSPRINGS IRA	9H794	60	27	77	8	26	65	+497	+ 07	+31	+85	PRO	+94	+ 04	+23	59	23	73
1752395	POOLEDALE TRUXTON	3H1068	68	91	131	14	1	87	+561	+ 07	+32	+91	PRO	+82	03	+11	73	44	57
													SNF	+91	+ 01	+48	52	11	26
1752449	KOWRAYGAN GLENDELL LAD TWIN	7H1505	90	15	43	5	7	62	+977	00	+36	+124	PRO	+113	05	+22	57	13	40
1752661	BROWNKING SAUL	9H626	79	44	47	6	5	73	+819	00	+30	+104	PRO	+102	+ 01	+25	69	38	41
1752723	OAK GREEN SUPERSTAR	11H740	70	9	26	10	15	49	+444	+ 12	+38	+93	PRO	+87	03	+9	43	9	21
1752807	THUMB-PRIDE ADVANCER	83H440	96	15	39	***	51	57	+1172	11	+22	+113							
1753010	SIR PACLAMAR INTREPID	11H710	83	26	58	5	20	69	+721	+ 06	+36	+108	PRO	+96	05	+14	57	20	35
1753267	HORST-CREST CHIEF CHARLIE	1H320	82	14	25	0	12	52	+1131	- 11	+20	+107	PRO	+89	- 07	+22	45	13	24
1753644	MOWRY-K KNIGHT CHAIN REACTION	29H3472	53	41	54	2	8	74	+832	- 08	+15	+79	PRO	+67	04	+17	58	22	29
1753759	BACONFARM ELEVATION GLENDELL	83H956	39	5	29	***	9	39	+623	- 04	+16	+67							
1753847	J-V-M ELE CON BIG JOHN	29H4332	91	11	51	3	31	55	+1148	- 06	+30	+125							
1753897	YARD-O-UTE MILO BOOKIE	11H2105	90	22	39	3	8	66	+1196	- 09	+27	+123	PRO	+121	00	+37	47	8	23
1753908	WHITTIER-FARMS CLINCHER	14H489	36	22	37	6	9	62	+539	- 01	+18	+65	PRO	+63	- 02	+15	42	14	16
1753945	PACK-HERD BUNKY BOO	9H635	45	76	94	5	2	84	+934	- 15	+7	+72	PRO	+71	00	+29	81	72	88
1754029	PINTA-LANE CONDUCTOR JASON	11H2139	96	33	57	10	6	75	+656	+ 21	+61	+146	PRO	+153	+ 01	+26	44	10	17
1754388	EL-BERT ELEVATION SNOWMAN	9H630	29	71	104	3	2	85	+592	- 06	+11	+57	PRO	+46	- 05	+10	78	57	77
1754393	MORRILL SELMA KIRK WAYFARER	3H1073	8	44	53	2	2	75	+117	+ 02	+8	+21	PRO	+25	+ 02	+7	65	31	33
1754448	LONGROW GLENDELL ROYAL	7H935	92	34	42	9	5	70	+1353	- 13	+25	+130	PRO	+108	- 08	+26	51	16	20
1754725	WINTER-PLACE PACESETTER	1H308	14	41	57	12	21	73	+114	+ 08	+18	+38	PRO	+30	- 04	-3	65	33	40
1755099	MINE-ROAD CONDUCTOR LEANDER	21H426	47	48	51	6	2	73	+541	+ 02	+23	+74	PRO	+84	+ 05	+25	53	23	23
1755381	TIHO CONDUCTION	7H964	56	47	59	4	5	77	+579	+ 03	+26	+82	PRO	+88	+ 03	+24	59	25	30
1755412	STREAMVUE CONDUCTOR BUBBA	16H113	72	25	36	10	11	63	+805	- 02	+25	+94							
1755806	KRANZDALE REBEL	15H318	77	19	22	***	0	55	+177	+ 25	+51	+99	PRO	+102	+ 01	+8	44	13	15
1756315	MILFORD FARMS STAR WAR	7H879	57	45	54	9	4	76	+705	- 02	+22	+83	PRO	+71	- 04	+13	57	22	27
1756329	ZONNEVELD GAC APOLLO	31H1077	19	7	81	0	32	51	+340	+ 01	+14	+46	SNF	+34	- 07	+16	47	6	78
1756330	ZONNEVELD GLEN LOUE-TWIN	31H1073	94	10	35	4	21	54	+760	+ 12	+49	+133	SNF	+134	+.01	+66	44	7	26
1756591	RYND-HOME EXCEL SENSATION	9H628	66	49	59	8	2	76	+952	- 09	+17	+90	PRO	+64	- 10	+10	68	38	45
1756613	MAPLEBOUND STARLIGHT REX	7H1510	49	16	32	***	45	55	+571	+.01	+23	+76	PRO	+60	- 06	+6	49	15	30
1757124	DEER-BROOK CONDUCTOR MAGNUS-E	17H511	36	15	33	18	28	55	+694	-.07	+12	+65							
1757418	ARLINDA SUCCESSOR-ET	7H1003	43	205	318	10	36	93	+926	- 14	+7	+71	PRO	+49	- 09	+12	86	104	151
1757645	ROCK-HOME CONDUCTOR JOE	7H1512	63	9	20	***	22	40	+792	- 04	+22	+88							
1757710	KEENLINE JS FERDINAND	110H6804	25	6	14	***	21	37	+377	+ 01	+16	+52							
1757833	LE DEL SUPERSTAR	14H474	86	29	54	0	23	70	+1000	- 03	+30	+115	PRO	+103	- 06	+22	47	13	21
1758065	AIR-OSA OAK QUICK SHOT	7H1509	97	13	50	0	15	55	+1438	- 09	+34	+150							
1758556	C LAROSE SATELLITE	29H3469	59	22	32	0	10	65	+406	+ 11	+34	+84	SNF	+78	- 03	+28	51	12	21
1759746	PHILKA APOLLO DIVIDEND GAMBLE	15H316	25	28	36	0	13	67	+622	- 09	+7	+52	PRO	+39	- 05	+10	63	28	36
1759909	CARAMA CHIEF CONDUCTOR	3H1091	86	53	55	9	10	75	+866	+ 02	+35	+115	PRO	+104	- 05	+19	69	41	43
1760027	PEQUEA MEADOWS SIR WINSTON	76H215	4	2	16	***	0	27	+95	- 03	-2	+3							
1760986	POTTS SYMPHONY	29H4335	62	10	20	***	18	45	+269	+ 18	+41	+87							
1761147	BELLEVIEW COMMANDER FLAME	14H492	19	55	89	17	4	81	-183	+ 24	+34	+46	PRO	+53	+ 02	-1	74	41	62
1761209	ART-ACRES HAGER	9H643	87	48	72	8	1	79	+1063	- 06	+28	+116	PRO	+106	- 04	+26	70	36	50
1761625	MAIZEFIELD SUPERCROSS	21H900	69	9	14	***	0	42	+904	- 07	+20	+92							

(Turn to Page D25)

1984 Sire Summary

(Continued from Page D24)

REGISTRATION NUMBER	NAME OF BULL	NAAB CODE	PCT ILE	NO HRDS	NO DTRS	/ CUL	/ RIP	RPT /	MILK PREDICTED DIFFERENCE 82 MILK	/	FAT	$$	PROTEIN AND SNF PD82 $$	PD82 %	PD82 LBS	RPT /	NO HRDS	NO DTRS
1761662	DO-LENE ELEVATION MONITOR LAD	17H413	47	112	165	10	15	89	+727	06	+16	+74	PRO +72	00	+22	76	69	87
1762147	PRECIES THREE MS	7H2780	33	18	81	5	3	62	+391	+ 04	+21	+61						
1762363	YIELDMORE WARSAW	3H1082	94	45	51	9	6	74	+1039	+ 01	+39	+133	PRO +124	04	+26	65	32	38
1763544	PARADISE LANE EXCLUSIVE	3H1095	73	61	63	8	20	77	+866	04	+23	+95	PRO +81	05	+17	69	44	44
1763895	BREEDYK GECKO	110H6663	11	17	26	***	25	56	+198	+ 02	+11	+32						
1763904	SCHUYLLE LEE LANNIE	8H90	82	30	40	0	5	66	+1106	10	+21	+107						
1761464	ARLINDA PETE	11H2175	13	43	71	9	18	75	+623	14	3	+35	PRO +15	08	+4	52	20	25
													SNF +3	21	+17	46	9	23
1764564	SIR CAL CLARK NITE TRAIN ET	1H313	83	28	43	18	8	68	+298	+ 23	+52	+108	PRO +105	03	+7	62	23	35
1764855	MRY ELEVATION FRONCO ET	11H2173	10	32	48	7	28	69	+166	+ 02	+10	+28	SNF +26	01	+12	41	6	14
1764943	DIAMOND S P CHIEF LOPO	11H2174	63	35	62	9	14	73	+1020	13	+13	+88	PRO +69	06	+18	53	5	27
1765054	LEE GIN CONDUCTOR SONNY	11H1372	6	26	74	15	11	71	+207	04	0	+13						
1765326	LEMAX PAWNEE MEMORIAL	7H978	98	39	51	5	8	73	+1207	+ 05	+53	+168	PRO +157	04	+30	45	15	18
1765420	HOFFLAND POOT JACK	77H148	1	6	29	***	34	43	104	03	9	22	PRO -27	- 02	7	40	6	27
1765751	FRANCROFT GOLDENROD	76H212	12	14	22	***	5	53	126	+ 17	+24	+33						
1766046	BURLEY RED AP	1H331	70	29	39	***	37	64	+785	02	+25	+93	PRO +90	01	+23	57	23	29
1766357	EXRANCO KAISER	29H3513	78	31	50	6	17	70	+1143	14	+16	+101	SNF +92	03	+87	40	11	15
1766552	BETTERWAY MATADOR	21H805	85	18	65	3	32	65	+1285	16	+17	+112	SNF +98	07	+94	60	16	42
1766723	IONA-FARM HIGHLITE	11H2143	6	64	123	8	13	85	+345	09	3	+17	PRO +7	02	+3	50	14	24
													SNF +10	03	+21	66	24	53
1766783	MOROVILLE GLENDELL HOSEA	29H4535	49	12	36	21	14	55	+688	04	+18	+75						
1766829	QUALITY EDGE BANNER	11H1371	52	21	30	***	23	57	+519	+ 04	+26	+78						
1766845	OLMAR MILO PREMIER ET	76H522	2	39	66	31	31	74	19	08	3	19	PRO 17	+ 01	+3	62	27	46
1766984	BUFFALO-SPRINGS MARTYS	21H890	13	15	31	12	10	57	+678	05	+16	+ 1	PRO +50	09	+5	43	12	21
1767094	PILLAR HILL WALWORTH	3H1122	66	67	95	13	34	81	+979	10	+16	+90	PRO +81	04	+24	66	37	41
1767097	RETSO LOYAL KIRK	9H652	79	42	54	13	7	73	+903	- 03	+27	+104	PRO +98	02	+24	71	40	51
1767577	GREAT VIEW KING MOZART	15H333	27	27	30	0	4	62	116	+ 23	+36	+54	PRO +70	+ 07	+9	57	24	27
1767595	KULSHAN SUNSHINE LARRY TWIN	11H1377	72	28	17	23	22	66	+1069	13	+15	+94	PRO +78	06	+21	51	17	30
1767630	E Z ACRES ELEVATION TRADESMAN	3H1125	3	40	40	18	21	67	+33	02	2	1	PRO 9	03	5	59	30	30
1767762	JA SAL TICKET	76H506	6	27	34	28	9	61	+287	06	1	+17	PRO +14	01	+7	43	16	18
1768769	CAL-CHRIS PEG NUGGET	7H1038	82	51	65	13	25	76	+495	+ 15	+44	+107	PRO +101	04	+11	65	31	42
1768938	SUNGOLD BIG BROTHER	15H348	43	27	27	10	19	58	+870	12	+9	+71	PRO +60	- 05	+19	57	26	26
1769378	JOMFTS KLONDIKE	3H1107	32	55	62	6	36	75	+726	- 10	+8	+60	PRO +40	08	+7	69	45	51
1770579	PEP L-LEA MILO SPARKY	9H653	52	40	50	3	19	71	+553	+ 03	+25	+78	PRO +70	- 03	+11	69	39	48
1771062	LEPRECHAUN SIOUX	7H1005	89	181	291	12	52	92	+786	+ 08	+42	+122	PRO +116	- 03	+20	85	92	149
1771763	ROBTHOM TOPAZ	16H121	16	29	40	***	43	62	+434	- 04	+8	+42	PRO +28	- 06	+3	41	13	20
1771803	COUNTRY-ACRES MILO LEADSMAN	21H460	34	81	97	22	28	81	+373	+ 05	+23	+63	PRO +58	- 03	+8	65	37	41
1772090	CRESCENTMEAD CHIEF STEWART	15H341	93	50	56	9	30	73	+762	+ 11	+48	+131	PRO +132	00	+25	70	45	51
1772121	MISTAR HUNTERCREST	29H3579	37	30	52	5	49	69	+469	+ 02	+21	+66	SNF +49	- 09	+20	44	9	20
1772238	KIMVALE STREPHON KINGPIN SHAF	3H1149	45	35	39	15	39	65	+744	- 06	+15	+73	PRO +72	00	+23	60	29	33
1772282	DORLOY PETE CHARLIE	1H357	50	10	19	***	84	40	+721	- 04	+18	+77						
1773222	RUANN NEWSMAKER	29H3542	41	34	45	***	43	68	+167	+ 16	+34	+69	SNF +72	+ 01	+18	41	12	14
1773417	WALKWAY CHIEF MARK	7H980	94	50	62	18	24	75	+996	+ 03	+42	+136	PRO +126	- 03	+24	59	26	32
1773465	RICH-LINE APOLLO SAMSON	17H417	74	79	130	6	19	84	+1284	- 20	+8	+96	PRO +78	- 06	+27	67	41	53
1773636	BONNYSIDE COLDSPRINGS IAN-TWI	9H657	34	54	71	12	24	77	+815	- 13	+6	+63	PRO +51	- 05	+17	75	49	65
1773656	TRI-TOWN RUSTY RANGE	15H346	50	11	13	***	25	35	+399	+ 09	+30	+77						
1773716	SHERTUCK PEARLS MAESTRO	7H1051	55	51	67	14	39	75	+406	+ 10	+32	+81	PRO +80	- 01	+12	60	25	37
1774606	ROBTHOM JEREMIAH	16H122	15	10	14	***	57	36	+387	- 03	+8	+39						
1775295	FARIBO WILLOW JET	21H463	66	31	34	0	9	63	+871	- 06	+20	+90						
1775836	RIPVALLEY BARRETT NORRIS	11H2170	88	29	40	***	38	64	+1104	- 06	+28	+119	PRO +108	- 04	+27	42	15	19
1775991	SLEEPY-HOLLOW BEST-TWIN.	11H1402	21	19	33	***	73	55	+595	- 09	+6	+48						
1775992	SLEEPY-HOLLOW SPLENDID	76H210	2	16	38	***	62	57	+55	- 05	-6	-7	PRO +2	+ 05	+9	55	15	35
1776167	JUNGE STARLITE	9H658	68	55	78	15	20	79	+452	+ 11	+36	+91	PRO +80	- 04	+6	76	51	71
1776453	NEVSFARM JESS CHIEF	11H1387	39	21	66	***	76	62	+250	+ 12	+30	+67	SNF +51	- 13	+3	42	9	33
1776608	U-W A STREPHON MODERN	21H461	41	64	79	12	24	78	+751	- 08	+12	+69	PRO +45	- 10	+5	61	32	38
1779632	DUNKOMO JUGS CHARLIE	11H1392	35	26	48	***	63	62	+1023	- 21	-1	+64	SNF +29	/ 21	+47	49	15	31
1780379	CLIFF CREST MONITOR REWARD	76H219	27	24	52	***	47	63	+488	- 03	+13	+54	PRO +58	+ 02	+19	58	21	47
1780400	ELM-NOR-WAY PERFECT CONDUCTOR	21H465	87	54	62	15	13	75	+1297	- 15	+19	+116	PRO +101	- 04	+30	59	29	33
1780434	GO-ROB MONARCH MILKY WAY	29H3646	97	21	23	***	83	50	+1237	- 02	+41	+149						
1781114	ROBTHOM CONDUCTOR ALEX	7H1071	62	20	24	***	75	51	+767	- 03	+22	+87						
1781247	PARKER GLENDELL SATURN	29H3627	84	22	29	***	62	56	+1256	- 15	+18	+111	PRO +90	- 08	+23	44	15	18
1781574	KISH-VIEW CONDUCTOR SUGARDADD	29H3682	41	22	29	***	83	52	+483	+ 03	+22	+69						

(Turn to Page D26)

1984 Sire Summary

(Continued from Page D25)

REGISTRATION NUMBER	NAME OF BULL	NAAB CODE	PCT ILE	NO HRDS	NO DTRS	% CUL	% RIP	RPT %	MILK PREDICTED DIFFERENCE 82		FAT	$$		PD82 $$	PROTEIN AND SNF. PD82 %	PD82 LBS	RPT %	NO. HRDS	NO DTRS
1781631	ROBE-JAN SKYLER CHIEF	3H1158	69	42	46	***	59	69	+1013	11	+16	+92	PRO	+73	08	+17	62	34	37
1781669	COLDSPRINGS INDEX	7H992	25	44	60	14	15	74	+350	+ 02	+17	+52	PRO	+49	01	+9	57	23	32
1781977	HOPEWELL COMMANDER CLARY	76H526	1	34	45	***	62	63	310	+ 05	-3	-25	PRO	-31	03	-15	49	21	26
1782357	ZONNEVELD WAC SELECTOR	7H1053	95	37	47	***	64	67	+1226	- 05	+34	+137	PRO	+114	- 09	+21	51	19	24
1784910	BROADCREST PRIMETIME RED	1H372	9	8	11	***	91	27	+540	- 14	-6	+24							
1784930	ECCLES FARM MOLLY MAGIC	15H358	4	41	42	***	44	65	+118	05	-4	+1	PRO	-9	- 04	4	64	39	40
1785139	RO-KA-H ARLINDA STAR-ET	7H1133	45	29	37	***	65	61	+679	04	+17	+73							
1785140	RO-KA-H JOLLY CONDUCTOR ET	15H453	40	21	29	***	86	53	+626	04	+16	+68							
1785862	MARLU BASIC	15H344	68	56	65	19	22	75	+615	+ 04	+30	+91	PRO	+87	02	+17	73	50	59
1785939	CARL-A OAKENBOUND FRED	11H2188	97	31	52	***	70	68	+1529	- 13	+30	+149	PRO	+134	05	+37	57	19	35
1785942	BARTELS REVOLVING EQUITY	21H602	43	33	37	***	78	59	+439	+ 05	+25	+71	PRO	+66	01	+10	44	18	20
1785943	ARLINDA CINAMENT-ET	11H2195	35	42	69	***	86	72	+147	+ 15	+32	+64	PRO	+67	+ 01	+7	47	18	23
1786000	MACABOB KANE DUTCHMAN CINNAMO	7H1136	79	41	49	***	57	69	+982	- 07	+23	+102	PRO	+90	- 05	+22	49	18	22
1787178	SHI-LA STRAIGHT-PINE ROCKY	21H503	61	55	63	***	71	72	+993	12	+13	+86	PRO	+67	- 07	+17	64	39	42
1788315	HARMONY-CORNERS SNOWSHOE	17H424	18	79	104	9	63	80	+360	00	+13	+45	PRO	+27	- 08	-3	70	50	60
1788378	CURTMAID JERRY KEN	14H531	78	34	50	***	50	67	+647	+ 07	+35	+101	PRO	+102	00	+21	59	23	38
1789149	CRESCENTMEAD GOLD NUGGET	7H1131	86	34	44	***	61	65	+1127	- 08	+25	+115	PRO	+111	-.01	+33	51	18	25
1789323	R-E-W DESIGNER	11H2196	20	22	34	***	82	57	+285	+ 04	+17	+47							
1789944	SKAGVALE MAGNIFICENT	76H13	11	20	37	***	89	53	+330	04	+5	+30	PRO	+21	-.03	+4	47	15	27
1790625	POTTS SOUTHERN MAN-TWIN	9H692	75	30	41	***	95	61	+839	- 03	+25	+97	PRO	+93	- 01	+24	58	25	35
1791268	HILLTOP-HANOVER-C HAZER-ET	14H655	2	87	114	***	86	81	-561	+ 22	+16	-9	PRO	-6	+ 02	-16	72	54	68
1791272	HILLTOP-HANOVER-C S GLAZER-ET	1H358	17	21	28	***	75	52	+151	+.08	+20	+44	PRO	+34	- 05	-3	43	13	19
1791371	DEN-K KIRK BOY	11H2235	74	12	16	***	94	38	+693	+ 03	+30	+96							
1791858	GET-US THE DUKE	29H3680	84	25	37	***	72	60	+924	- 02	+30	+111	PRO	+97	- 05	+19	43	11	19
1791953	CEDAR-SWAMP W A C LOCOMOTIVE	14H529	22	16	23	***	70	48	+518	- 05	+9	+49							
1792057	REDROOF RAINBOW OF WALEBE	11H2202	8	17	23	***	91	46	+337	-.07	-1	+20							
1792214	LAWARA STARLITE BRIGHAM	3H1196	33	36	38	***	76	62	+72	+ 17	+33	+61	PRO	+57	- 03	-1	55	27	28
1792460	GILTEX TELETYPE	29H4735	84	11	24	***	100	43	+933	- 02	+30	+111							
1792928	EL-PINE PRINCE VALIANT	29H3695	37	21	32	***	91	54	+634	- 04	+15	+66	PRO	+61	- 02	+16	41	13	19
1793825	LEN-LYN JERRY WARDO ET	14H542	29	44	61	***	90	69	+589	- 06	+11	+57	PRO	+59	+ 01	+21	51	20	29
1793826	LEN-LYN JERRY HESTON-ET	7H1168	53	38	51	***	82	68	+564	+ 03	+25	+79	PRO	+93	+ 05	+29	50	18	26
1794136	LUTZ-BROOKVIEW NUGGET ROCKY	7H1135	25	27	33	***	45	60	+614	-.08	+8	+53							
1794929	APPLENOTCH FOOTNOTE LAD	14H551	45	21	28	***	93	50	+564	00	+21	+72							
1795195	KELLAND COMMANDER ATOM-ET	14H533	45	40	66	***	76	71	+377	+ 08	+28	+72	PRO	+66	- 03	+7	66	33	53
1796409	RIDGE-HEIGHTS MARVEX	17H429	27	33	42	***	79	61	+304	+ 05	+20	+54	PRO	+41	04	0	57	27	33
1796444	HI-DE-HO BURKGOV DEMAND	15H365	29	21	23	***	35	51	+629	-.07	+10	+57	PRO	+45	- 04	+10	49	20	22
1796930	TANNENRAIN GLENDELL MOONSHINE	14H532	14	22	30	***	43	54	+532	- 10	+2	+38							
1797651	DOR-WISCO ABEL TALENT	21H502	23	32	36	***	83	59	+290	+.05	+19	+51	PRO	+60	+.04	+16	51	22	26
1799089	GLEN-MAR HI-HOPE	3H1136	29	27	29	5	28	60	+599	- 06	+11	+57	PRO	+46	- 04	+10	49	18	20
1799151	PHILKA GLENDELL STAR MR J	29H4655	88	10	19	***	37	42	+919	+ 01	+35	+119							
1799377	KNOXLAND CHIEF STAR BUILDER	14H556	25	13	18	***	89	39	+162	+ 11	+25	+53							
1800794	BRIGEEN CHIEF MOHAWK-ET	11H2212	29	7	10	***	100	27	+397	+ 02	+18	+56							
1801965	PACK HERD IVANHOE JERRY	21H533	53	32	32	***	91	56	+933	- 12	+11	+79	PRO	+71	-.02	+24	43	18	18
1802072	NEEDLE-LANE JON-RED	7H1513	70	6	14	***	50	34	+524	+ 09	+35	+93							
1802133	HONADEL NEIL PEPPER	21H538	31	28	28	***	82	52	+89	+ 16	+31	+59	PRO	+64	+ 02	+7	42	18	18
1802147	DYECREST BARRETT FONZI	11H2255	87	2	23	***	43	24	+850	+ 03	+36	+116							
1802956	BLACKHOME CHIEF RALPH	21H534	70	15	15	***	93	34	+544	+.08	+34	+93							
1803414	SPRING-BELLE COUNTRY BOY	8H96	86	15	21	***	95	45	+1251	- 13	+20	+114							
1803690	CEDARBROOK-T INKA WARRIOR-TWI	21H516	96	46	52	***	88	66	+1274	-.05	+36	+143	PRO	+130	- 06	+30	57	32	35
1803954	SUES GVS SUGAR BOY-ET	11H2226	29	10	11	***	91	28	+395	+ 02	+18	+56							
1805175	HILLRANCH ELEVATION DYNAMITE	76H218	60	5	12	***	83	27	+679	.00	+24	+85							
1805239	BLACK-PINE ABBY AMEN	15H370	34	34	43	***	84	64	+369	+ 05	+23	+63	PRO	+57	02	+7	62	31	40
1806956	FORSBERG GOLDEN OAK	16H127	77	12	21	***	95	42	+794	00	+28	+99							
1807922	LASALLE WOLVERINE	11H2184	23	14	42	***	90	49	+562	- 06	+9	+51							
1808933	CRESCENTMEAD BOOTMAKER ANDY	15H376	31	48	54	***	81	68	+417	+.02	+18	+58	PRO	+51	.03	+8	64	41	44
1809350	HILLANLAKE EXCLUSIVE ALI	14H830	81	7	11	***	0	34	+597	+ 10	+39	+105							
1811754	SIR C VALOR	17H442	96	51	76	***	97	72	+1073	+ 04	+46	+147	PRO	+146	- 01	+33	60	34	41
1812763	SHADY-GROVE JHTV CHIEF 2188	21H517	37	30	34	***	100	57	+823	- 12	+8	+66	PRO	+48	- 08	+12	49	21	24
1817077	PEARMONT MARVELUS	1H363	23	16	17	***	94	40	+292	+ 05	+19	+51							
1817345	RUSTIC-VIEW GLENDELL PACO	17H438	89	17	19	***	95	41	+1047	- 04	+31	+120							

(Turn to Page D27)

1984 Sire Summary

(Continued from Page D26)

Ayrshire

REGISTRATION NUMBER	NAME OF BULL	NAAB CODE	PCT ILE	NO HRDS	NO DTRS	% CUL	% RIP	RPT %	PREDICTED DIFFERENCE 82 MILK	%	FAT	$$		PD82 $$	PD82 %	PD82 LBS	RPT %	NO HRDS	NO DTRS
1819687	DUMBELLE TOUCH OF CLASS	76H12	16	23	27	***	89	51	+712	15	-2	+42	PRO	+27	- 06	+11	44	19	20
1822099	C ROYBROOK TEMPTATION ET	76H554	3	111	153	***	87	85	+41	03	3	2	PRO	-5	02	-1	80	82	112
1825213	GILTEX-B MASTER CHARGE	29H3955	52	4	32	***	68	31	+873	- 10	+13	+78							
1827796	EARLIN VALIANT HUNGRY JACK	8H98	39	14	21	***	90	42	+397	+ 05	+24	+67							
1827813	GILTEX CAR VAL	21H554	43	10	11	***	100	26	+627	03	+18	+71							
040308691	ROYBROOK STARLITE	71H7392	69	1060	1881	8	6	99	+308	+ 17	+42	+92	PRO	+87	- 01	+6	97	453	713
													SNF	+83	- 06	+16	84	59	131
040320891	QUALITY ULTIMATE	71H6336	0	1294	2756	9	10	99	-1190	+ 07	31	-129	PRO	-147	09	52	98	754	1520
													SNF	-154	- 16	-129	61	18	36
040330643	ROYBROOK TEMPO	73H177	5	667	1456	9	34	98	+8	+ 02	+3	+6	PRO	0	- 02	-4	96	433	878
													SNF	+2	+ 01	-4	60	17	49
040336337	BROWNDALE SIR CHRISTOPHER	76H45	5	165	321	4	19	93	+232	- 08	-6	+5	PRO	-14	- 08	-7	88	108	199
040351895	ROMANDALE MAGIC	76H626	0	43	82	19	59	74	-1225	+ 04	-38	-144	PRO	-140	+ 01	-36	62	25	44

Jersey

REGISTRATION NUMBER	NAME OF BULL	NAAB CODE	PCT ILE	NO HRDS	NO DTRS	% CUL	% RIP	RPT %	PREDICTED DIFFERENCE-82 MILK	%	FAT	$$		PD82 $$	PD82 %	PD82 LBS	RPT %	NO HRDS	NO. DTRS
609128	B S NOBLE SUPERB	15J48	3	255	1390	13	3	97	+104	-.03	+1	+8	PRO	+10	+ 03	+5	92	126	494
613173	GRAMHIL LEADER SOPHIA SAMSON	7J102	33	1331	8888	7	10	99	+349	- 03	+13	+45	PRO	+38	- 05	+6	99	882	4716
													SNF	+47	00	+32	72	24	103
620738	BRIARCLIFFS SOLDIER BOY	1J194	92	226	759	4	33	96	+946	- 10	+33	+117	PRO	+107	- 10	+22	92	140	473
621333	BRIARCLIFFS BRAVE SOLDIER	29J2791	55	285	850	8	24	97	+787	- 21	+11	+69	PRO	+63	07	+20	94	202	569
621479	SILVER FIRECHIEF	1J148	30	77	186	11	33	88	+294	- 01	+13	+41	PRO	+41	.00	+9	82	54	122
622648	EHV SILVER VERMONTER	3J108	0	685	2679	10	20	99	-105	+ 09	+5	+2	PRO	-5	- 04	-9	98	506	1714
622771	SHADEWELL FASCINATOR	3J110	89	657	2604	7	41	99	+690	+ 04	+38	+109	PRO	+103	- 07	+17	97	497	1615
622999	TENN SOLDIERS PRIDE	1J157	71	162	546	8	45	94	+678	- 05	+26	+88	PRO	+82	- 05	+17	89	100	301
623158	FAVORITE SAINT	7J123	37	655	2487	5	57	99	+674	25	+2	+47	PRO	+23	- 18	+3	97	436	1418
623329	QUICKSILVER NOBLE	15J53	10	182	659	8	48	95	+248	- 04	+7	+28	PRO	+18	- 07	0	92	129	399
623330	QUICKSILVERS MAGIC OF OGSTON	7J121	94	598	2125	7	44	98	+930	- 04	+39	+126	PRO	+115	- 10	+21	97	421	1305
623490	MILKNHONEY GENERAL	14J150	80	60	157	13	55	81	+563	+ 08	+36	+98	PRO	+94	- 05	+15	69	39	91
623660	GRAMHIL OBSERVER POET	7J127	76	90	247	6	51	88	+503	+ 10	+36	+94	PRO	+95	- 02	+17	81	58	138
624576	STARDUST GEMINI	29J2770	42	111	218	11	44	89	+170	+ 15	+26	+55	PRO	+55	- 01	+5	82	68	130
624896	BRIARCLIFFS BLACK MAGIC	14J151	87	217	618	5	60	94	+917	15	+25	+102	PRO	+91	- 09	+21	90	131	344
624965	MAPLELAWN SILVER AARON	9J59	44	84	121	13	12	87	+285	+ 08	+23	+58	PRO	+69	+ 08	+18	74	38	61
625181	MLF SECRET SOLDIER	3J113	26	173	329	5	45	93	+171	+ 08	+17	+40	PRO	+37	- 02	+3	85	102	161
625184	BARLO CHOCOLATE SUNDAE	29J2783	75	90	177	0	78	86	+1179	- 36	+10	+93	PRO	+77	- 14	+25	79	57	112
625825	A-NINE CALL ME GREAT	29J2805	64	17	44	5	7	65	+758	- 16	+17	+78	PRO	+72	- 06	+20	59	16	38
626412	FREDESTEL SECRET SUCCESS	21J323	14	52	107	16	29	81	+180	+ 03	+12	+32	PRO	+31	- 02	+5	63	31	44
626561	EHV NOBLE	3J115	37	147	265	5	9	93	-249	+ 43	+37	+47	PRO	+47	+ 02	-8	85	77	127
627330	CELIAS MASTER OF FAIRNEVA	11J327	19	189	402	6	67	93	+67	+ 14	+19	+37	PRO	+48	+ 08	+11	87	109	207
													SNF	+47	+ 09	+17	46	7	34
627556	TENN SILVER GEM	1J188	53	18	37	7	9	63	+298	+ 12	+28	+67							
627691	SCOTCH VIEW GENERATOR JUPITER	3J119	19	90	115	3	1	87	+705	- 31	5	+37	PRO	+16	- 16	+6	75	57	65
628290	HIGHLAND OBSERVER SPIRIT	3J116	69	90	144	7	1	89	+710	- 09	+23	+85	PRO	+69	- 13	+10	76	47	67
629580	W F ORATOR TRAVIS	1J204	19	20	55	4	7	70	+555	- 21	+1	+37	PRO	+17	- 14	+2	57	13	35
629705	HI-LAND EMPIRE STATE 78	1J205	78	26	49	11	6	70	+979	- 22	+19	+95	PRO	+94	- 05	+30	65	23	43
629750	STARN JUAN DIEGO	110J4110	1	6	33	14	6	43	+21	+.02	+3	+6							
629803	EDYVEANS CELEBRITY	11J332	82	27	72	3	4	73	+879	- 13	+26	+101	PRO	+101	- 02	+28	60	18	35
630260	MAYFIELD VOLUNTEER	29J2792	71	61	117	9	8	83	+357	+ 18	+38	+88	PRO	+91	+ 02	+14	78	50	76
630261	MAYFIELD VOLUNTEER BRUCE	7J149	55	17	112	5	11	71	+198	+ 20	+33	+69	PRO	+75	+ 03	+11	57	11	64
630310	W F GENERATOR JUSTIN	14J157	7	14	42	13	6	55	+92	+ 02	+7	+18	PRO	+17	- 01	+2	50	12	34
630347	BOSS MAN	7J150	50	9	25	5	0	53	+444	- 01	+20	+63							
630451	EHV MARK 2ND	11J333	41	17	39	11	0	63	+515	- 12	+10	+50	PRO	+37	- 08	+6	54	11	31
630500	ROCKY HILL SAMSONITE	1J210	26	34	97	5	21	77	+171	+.08	+17	+40	PRO	+37	- 03	+3	67	25	58
630551	CRESCENT FAVORITE C CHIP	110J4109	62	8	48	5	20	55	+687	- 12	+18	+75	PRO	+67	- 07	+16	53	8	48
630622	A NINE TOP BRASS	29J2793	98	65	143	6	20	86	+1025	+ 03	+53	+156	PRO	+150	- 08	+28	81	53	112
630801	ROCKY HILL NIPPERSINK	7J120	82	77	123	11	38	84	+929	- 16	+24	+101	PRO	+90	- 11	+21	78	56	85
631158	BRIARCLIFFS SS EARLY SETTLER	29J2826	60	10	27	4	15	52	+551	- 04	+22	+73	PRO	+68	- 05	+14	43	8	21
631708	SUN VALLEY QUICKSILVER FAME	11J345	32	157	325	7	44	92	-43	+ 25	+27	+43	PRO	+46	+ 04	+1	88	99	193
631715	SPRINGDALE SURVILLE PLAYBOY	110J4118	35	12	82	10	58	64	+164	+ 11	+21	+46	PRO	+37	- 08	-2	61	12	81
631725	MILESTONE ZORRO	11J399	50	7	34	0	16	45	+584	- 11	+15	+63	PRO	+58	- 05	+15	40	6	31
632166	DIRECT APPROACH	14J149	8	37	79	6	42	73	+52	+ 08	+12	+24	PRO	+24	00	+2	61	24	48
632243	YANKEE FW CHIEF	21J337	96	15	37	***	54	57	+1431	- 28	+32	+147	PRO	+137	- 12	+38	53	12	34
632395	EMCEE SAMSONITE	14J152	12	25	47	***	52	64	+87	+ 08	+14	+30	PRO	+25	- 04	-1	58	20	39
632449	ASTRIDS GEN OF PHF	7J125	46	47	70	3	49	75	+428	- 01	+19	+60	PRO	+55	- 06	+10	69	36	53

(Turn to Page D28)

1984 Sire Summary

(Continued from Page D27)

Brown Swiss

REGISTRATION NUMBER	NAME OF BULL	NAAB CODE	PCT ILE	NO HRDS	NO DTRS	% CUL	% RIP	RPT %	MILK AND FAT PREDICTED DIFFERENCE-82 MILK	%	FAT	$$		PROTEIN AND SNF PD82 $$	PD82 %	PD82 LBS	RPT %	NO HRDS	NO. DTRS
159245	ES PUNCH RAY	86B52	19	71	212	9	4	89	-31	+ 11	+15	+24	PRO	+31	+ 03	+5	75	37	88
159771	E E BEAUTICIAN KING	7B629	13	586	2484	11	21	99	+331	12	-5	+13	PRO	8	- 12	-6	97	430	1521
													SNF	1	08	+13	59	19	71
159994	NORDENTAHL BEAUTICIAN HAMLET	88B3672	2	75	141	7	17	84	336	04	-19	-54	PRO	62	- 04	-17	71	50	76
160086	LAR-LE STRETCH TITAN	1B67	33	146	490	8	34	93	+656	- 18	-1	+40	PRO	+33	- 04	+15	87	98	263
161227	MARTY L TORO	1B72	47	32	72	15	21	70	+266	+ 09	+24	+58	PRO	+62	+ 02	+12	60	23	42
162456	BRIDGE VIEW REWARD	83B44	38	19	55	8	15	58	+453	- 06	+9	+44	PRO	+26	- 10	0	49	17	41
166467	V F BEAUTICIAN LANDON	21B423	44	51	143	13	40	80	+588	- 10	+9	+53	PRO	+31	- 13	+1	67	36	69
168001	PARK WAY T TONY	83B144	22	7	13	***	18	36	+286	- 05	+4	+25							
168052	ES STRETCH PROGRESS	86B27	5	9	15	***	7	42	-189	00	-8	-26							
168654	NORVIC CONTINUATION	29B3691	52	16	38	6	9	57	+232	+ 12	+27	+61							
169202	NAKOTA DELEGATE DESTINY	17B30	25	35	74	9	9	74	+334	- 07	+3	+27	PRO	+21	- 03	+6	42	15	21
169731	ES MOTTO J	86B58	0	9	25	***	0	47	-412	- 03	-21	-62							
169785	GOLDEN DAWN ELEGANT MASTER	29B3702	77	209	574	12	15	96	+618	+ 02	+28	+88	PRO	+84	- 02	+17	92	149	338
170157	BRIDGE VIEW JUBILATION	9B62	41	4	23	0	5	32	+389	00	+16	+52							
170838	NORVIC TELSTAR	14B155	94	192	492	12	26	95	+881	+ 09	+49	+140	PRO	+146	+ 03	+33	91	139	327
170977	U W CORA BEAU DAPPER DON TWIN	7B661	03	4	33	4	10	35	+561	+ 02	+25	+79							
171140	KEN IR ELEGANT REWARD	7B638	80	70	127	11	11	85	+299	+ 21	+42	+91	PRO	+95	+ 02	+13	80	58	102
171191	GOLDEN DAWN ELEGANT MARINER	11B520	69	27	56	16	27	66	+307	+ 16	+35	+80	PRO	+90	+ 04	+18	49	14	33
171201	TOP ACRES PD SPECIAL	29B3665	55	10	13	***	31	40	+516	.00	+21	+69							
171310	R E S KING ROYAL	8685	8	39	81	9	4	78	-51	- 07	-12	-24	PRO	-20	+ 02	+1	69	27	54
171713	JOHANN EVILO ROCKET	21B421	86	38	65	14	13	73	+809	- 04	+26	+96	PRO	+89	- 05	+20	63	26	46
172230	RAPTURE EL REGAL	21B438	63	9	29	5	17	49	+464	+ 07	+29	+79	PRO	+83	+.02	+18	44	9	26
172258	JOHANN JOHNNY D	14B158	91	31	43	11	7	68	+681	+ 13	+46	+122	PRO	+120	- 03	+20	54	22	28
172438	TATEYS ELEGANTS LOADSTAR	86B502	25	11	22	14	0	49	196	+ 22	+23	+27							
172466	KA WA BALISON	1B69	16	27	67	6	21	69	-20	+ 09	+12	+19	PRO	+26	+ 04	+5	63	25	62
172631	JOHANN STYLISH	7B639	83	32	49	5	7	70	+670	+ 01	+29	+93	PRO	+87	04	+17	58	25	33
172729	TARAFONA DAPPER JANSON	11B521	88	10	11	***	0	34	+834	00	+33	+110							
173123	V B GREAT CRUSADER	21B422	75	28	51	15	25	65	+522	+ 06	+30	+85	PRO	+76	- 06	+10	54	18	37
173353	OLD HICKORY HAPPY DANCER	29B3676	36	27	45	***	47	62	+566	- 13	+4	+43	PRO	+25	11	+4	52	19	30
173441	ES STRETCH STATESMAN	86B23	11	20	32	***	45	57	+35	00	+2	+6	PRO	+4	00	0	45	15	21
173809	V B GREAT PROSPECT	14B160	30	32	63	25	48	68	-43	+ 16	+21	+33	PRO	+39	+ 03	+3	61	26	49
174150	ROLLING VIEW ELEGANT PAUL	7B641	69	67	110	13	37	80	+708	- 06	+20	+80	PRO	+76	02	+20	73	53	76
174360	ASH HOLLOW TAMMYS TARGET	14B161	97	26	43	***	61	62	+1701	- 13	+47	+189	PRO	+188	- 02	+53	56	22	33
174518	EEN KING REFLECTION	29B3679	50	10	15	***	93	36	+506	- 03	+16	+60							
174599	NARROWS VALLEY GREEN GENT	21B444	61	26	43	***	49	60	+810	- 12	+14	+76	PRO	+62	08	+15	51	16	29
175783	H BRIGEEN ELEGANT LOU	83B499	58	14	40	***	53	54	+316	+ 13	+31	+73	PRO	+83	+ 06	+18	44	8	33

Milking Shorthorn

REGISTRATION NUMBER	NAME OF BULL	NAAB CODE	PCT ILE	NO HRDS	NO DTRS	/ CUL	/ RIP	RPT /	MILK AND FAT PREDICTED DIFFERENCE 82 MILK	%	FAT	$$		PROTEIN AND SNF PD82 $$	PD82 %	PD82 LBS	RPT %	NO HRDS	NO DTRS
353344	ELWOOD S V PROMISE	29M5628	37	17	78	2	25	62	+659	12	+9	+58							
353738	INNISFAIL JEAN'S PROMISE	7M5024	0	27	54	9	14	67	+158	04	+1	+12							
360035	NADOLSKI'S BETTINA'S PROMISE	17M43	25	7	50	18	3	47	+368	+ 01	+15	+49							
368466	RED CEDAR DAN	17M41	50	31	95	17	16	74	+371	+ 07	+22	+61	PRO	+57	- 05	+8	45	21	35
368707	KORNCREST PACESETTER	21M515	75	86	308	8	23	91	+1094	00	+40	+139	PRO	+140	+ 01	+36	73	44	118
374452	P-FREKEBA FIGARO	29M5630	87	17	46	7	9	63	+1322	04	+43	+158							

(Turn to Page D29)

1984 Sire Summary

(Continued from Page D28)

REGISTRATION NUMBER	NAME OF BULL	NAAB CODE	PCT ILE	NO HRDS	NO DTRS	% CUL	% RIP	RPT %	MILK PREDICTED DIFFERENCE-82 MILK	%	FAT	$$		PROTEIN AND SNF PD82 $$	PD82 %	PD82 LBS	RPT %	NO HRDS	NO DTRS
377250	CLASS REUNION	21M516	12	51	144	19	14	83	+225	+ 04	+13	+37	PRO	+44	+ 05	+13	59	29	59
381576	KRAUSE'S SELMA'S SARGENT	21M517	62	14	21	***	48	39	+1033	- 01	+37	+130							

Red and White

REGISTRATION NUMBER	NAME OF BULL	NAAB CODE	PCT ILE	NO HRDS	NO DTRS	% CUL	% RIP	RPT %	MILK PREDICTED DIFFERENCE 82 MILK	%	FAT	$$	PROTEIN AND SNF PD82 $$	PD82 %	PD82 LBS	RPT %	NO HRDS	NO DTRS
4613	LARRY MOORE RED CHAMPION	2032	0	19	36	**	0	61	+250	+ 05	+17	+45						

Summary of Average Evaluations from the July 1984 Modified Contemporary Comparison

Each artificial-insemination (AI) organization has had the opportunity to examine the current Modified Contemporary Comparison Sire Summary for its own bulls and to decide which progeny-test bulls to code as "active" and which previously active bulls to remove from "active" status. Consequently, all bulls listed in the current USDA-DHIA Active AI Sire Summary should be readily available through established AI marketing systems.

The Predicted Differences (PD's) for milk (PDM) and fat (PDF) yields and fat percentage (PD%) are expressed relative to the 1982 genetic bases for those traits. Therefore, the PD's from the July 1984 Sire Summary run, especially those for milk and fat yields, are of a different magnitude from those from runs prior to January 1984. Dairy producers are encouraged to pay close attention to the percentile ranking of each bull to help interpret the genetic superiority represented by the PD's for yield traits relative to the 1982 genetic bases.

Table 1 reports the average PD82's for PDM, PD%, PDF, and PD$ for each breed and service group. Tables 2 and 3 show the distribution of PDM and PD$ for active AI bulls.

Table 1.--Average PD82's for bulls summarized in July 1984

Breed	All bulls[1] Number	PDM	PD%	PDF	PD$	Active AI bulls Number	PDM	PD%	PDF	PD$	Non-AI bulls Number	PDM	PD%	PDF	PD$
Ayrshire	210	-200	0.00	-8	-27	16	+315	-0.03	+8	+34	138	-280	-0.01	-12	-38
Guernsey	598	-193	-.02	-11	-31	32	+513	-.06	+17	+62	416	-258	-.01	-13	-39
Holstein	10,191	-392	+.01	-12	-46	489	+606	-.01	+20	+73	7,068	-552	+.02	-17	-64
Jersey	852	-275	+.02	-11	-36	56	+489	-.04	+19	+64	627	-397	+.04	-15	-51
Brown Swiss	298	-278	+.02	-8	-32	36	+391	+.01	+17	+54	180	-438	+.02	-15	-54
Milking Shorthorn	118	-38	-.01	-2	-6	8	+654	-.01	+23	+81	87	-81	-.01	-4	-12
Red and White	87	-53	+.01	-1	-5	1	+250	+.05	+17	+45	67	-95	.00	-3	-11
All breeds	12,354	-362	---	-12	-44	638	+571	---	+19	+69	8,583	-511	---	-16	-60

[1] Includes AI bulls not now active.

Table 2.--Distribution of PDM by breed for active AI bulls listed in the July 1984 Modified Contemporary Comparison

Range of PDM	Number of bulls: Ayrshire	Guernsey	Holstein	Jersey	Brown Swiss	Milking Shorthorn
+1,600 and above	---	---	5	---	1	---
+1,400 to +1,599	---	---	10	1	---	---
+1,200 to +1,399	---	---	22	---	---	1
+1,000 to +1,199	---	2	40	2	---	2
+800 to +999	---	3	81	7	4	---
+600 to +799	4	6	85	12	5	1
+400 to +599	4	8	95	11	8	---
+200 to +399	2	9	71	7	9	3
0 to +199	3	4	56	13	1	1
-199 to -1	2	---	13	2	6	---
-399 to -200	1	---	2	1	1	---
-599 to -400	---	---	4	---	1	---
-799 to -600	---	---	2	---	---	---
-999 to -800	---	---	1	---	---	---
-1,000 and below	---	---	2	---	---	---
Total	16	32	489	56	36	8

Table 3.--Distribution of PD$ by breed for active AI bulls listed in the July 1984 Modified Contemporary Comparison

Range of PD$	Number of bulls: Ayrshire	Guernsey	Holstein	Jersey	Brown Swiss	Milking Shorthorn
+200 to +219	---	---	1	---	---	---
+180 to +199	---	---	3	---	1	---
+160 to +179	---	---	6	---	---	---
+140 to +159	---	1	11	2	1	1
+120 to +139	---	---	31	1	1	2
+100 to +119	---	4	56	7	1	---
+80 to +99	3	3	111	8	7	---
+60 to +79	2	7	112	12	7	1
+40 to +59	2	6	81	11	6	2
+20 to +39	3	9	37	10	5	1
0 to +19	4	2	18	5	3	1
-19 to -1	1	---	11	---	---	---
-39 to -20	1	---	3	---	2	---
-59 to -40	---	---	2	---	1	---
-79 to -60	---	---	3	---	1	---
-99 to -80	---	---	---	---	---	---
-119 to -100	---	---	1	---	---	---
-139 to -120	---	---	1	---	---	---
-140 and below	---	---	1	---	---	---
Total	16	32	489	56	36	8

Percentile Tables - Ayrshire

PDS'S FROM MILK AND FAT REQUIRED FOR SPECIFIED PERCENTILES COMPUTED FROM 16 ACTIVE AI AYRSHIRE BULLS

	9	8	7	6	5	4	3	2	1	0
100										91
90	.	.	.	.	.	.	84	.	.	.
80	.	.	83	.	.	.	.	.	68	.
70	.	.	.	.	63	.	.	.	.	.
60	.	57	.	.	.	.	.	42	.	.
50	.	.	.	33	.	.	.	.	.	32
40	.	.	.	.	.	.	26	.	.	.
30	.	.	19	.	.	.	.	.	14	.
20	.	.	.	.	6	.	.	.	.	.
10	.	4	.	.	.	.	.	-18	.	.
0	.	.	.	-33	.	.	.	.	.	-34

PDS'S FROM CHEESE YIELD REQUIRED FOR SPECIFIED PERCENTILES COMPUTED FROM 16 ACTIVE AI AYRSHIRE BULLS

	9	8	7	6	5	4	3	2	1	0
100										76
90	.	.	.	.	.	.	75	.	.	.
80	.	.	67	.	.	.	.	.	62	.
70	.	.	.	.	56	.	.	.	.	.
60	.	53	.	.	.	.	.	39	.	.
50	.	.	.	34	.	.	.	.	.	21
40	.	.	.	.	.	.	14	.	.	.
30	.	.	6	.	.	.	.	.	5	.
20	.	.	.	.	-7	.	.	.	.	.
10	.	-8	.	.	.	.	.	-12	.	.
0	.	.	.	-53	.	.	.	.	.	-54

CIS'S REQUIRED FOR SPECIFIED PERCENTILES COMPUTED FROM 17,436 AYRSHIRE COWS

	9	8	7	6	5	4	3	2	1	0
100										143
90	76	64	58	52	48	45	42	39	37	34
80	32	30	29	27	25	24	22	21	19	18
70	16	15	14	13	11	10	9	8	6	5
60	4	3	-2	1	0	-1	-2	-3	-4	-5
50	-6	-7	-8	-9	-10	-11	-12	-13	-14	-15
40	-16	-17	-18	-19	-20	-21	-22	-23	-24	-25
30	-26	-27	-28	-29	-30	-31	-32	-33	-35	-36
20	-37	-38	-39	-41	-42	-43	-45	-46	-47	-49
10	-50	-52	-53	-55	-57	-59	-61	-63	-65	-68
0	-70	-74	-77	-80	-85	-89	-95	-104	-115	-191

Percentile Tables - Guernsey

PDS'S FROM MILK AND FAT REQUIRED FOR SPECIFIED PERCENTILES COMPUTED FROM 32 ACTIVE AI GUERNSEY BULLS

	9	8	7	6	5	4	3	2	1	0
100										160
90	.	.	.	119	.	.	113	.	.	110
80	.	.	102	.	.	95	.	.	92	.
70	.	90	.	.	77	.	.	.	75	.
60	.	74	.	.	73	.	.	68	.	.
50	66	.	.	63	.	.	58	.	.	52
40	.	.	.	50	.	.	49	.	.	48
30	.	.	44	.	.	40	.	.	38	.
20	.	37	.	.	36	.	.	.	.	.
10	.	34	.	.	.	.	.	26	.	.
0	23	.	.	9	.	.	2	.	.	1

PDS'S FROM CHEESE YIELD REQUIRED FOR SPECIFIED PERCENTILES COMPUTED FROM 32 ACTIVE AI GUERNSEY BULLS

	9	8	7	6	5	4	3	2	1	0
100										149
90	.	.	.	118	.	.	.	.	.	114
80	.	.	92	.	.	84	.	.	.	.
70	.	79	.	.	75	.	.	.	73	.
60	.	66	.	.	63	.	.	58	.	.
50	51	.	.	.	.	.	47	.	.	46
40	.	.	.	44	.	.	42	.	.	35
30	.	.	.	.	.	31	.	.	28	.
20	.	.	.	.	27	.	.	.	.	.
10	.	24	.	.	18	.	.	17	.	.
0	1	.	.	-1	.	.	-20	.	.	-21

CIS'S REQUIRED FOR SPECIFIED PERCENTILES COMPUTED FROM 40,484 GUERNSEY COWS

	9	8	7	6	5	4	3	2	1	0
100										198
90	75	64	56	50	45	42	38	35	32	30
80	28	25	23	21	20	18	16	14	13	11
70	10	8	7	5	4	2	1	0	-2	-3
60	-4	-6	-7	-8	-9	-11	-12	-13	-14	-15
50	-17	-18	-19	-20	-21	-22	-24	-25	-26	-27
40	-28	-30	-31	-32	-33	-34	-35	-37	-38	-39
30	-40	-41	-43	-44	-45	-46	-48	-49	-50	-51
20	-53	-54	-55	-57	-58	-59	-61	-62	-64	-65
10	-67	-69	-70	-72	-74	-76	-77	-79	-81	-84
0	-86	-89	-92	-95	-98	-103	-108	-116	-127	-227

Percentile Tables - Jersey

PDS'S FROM MILK AND FAT REQUIRED FOR SPECIFIED PERCENTILES COMPUTED FROM 56 ACTIVE AI JERSEY BULLS

	9	8	7	6	5	4	3	2	1	0
100										157
90	.	148	.	127	.	118	.	111	110	.
80	103	.	102	.	.	.	.	99	.	96
70	.	95	.	94	89	.	.	.	86	.
60	84	.	80	79	.	76	.	74	.	71
50	.	70	.	.	68	.	64	.	.	63
40	.	61	.	59	.	56	.	51	48	.
30	.	.	47	.	46	.	44	42	.	41
20	.	.	.	40	38	.	.	.	.	.
10	37	.	35	33	.	31	.	29	.	25
0	.	19	11	.	9	.	7	.	3	2

PDS'S FROM CHEESE YIELD REQUIRED FOR SPECIFIED PERCENTILES COMPUTED FROM 56 ACTIVE AI JERSEY BULLS

	9	8	7	6	5	4	3	2	1	0
100										148
90	.	133	.	119	.	110	.	.	103	.
80	102	.	100	.	97	.	95	.	.	93
70	.	86	.	84	80	.	.	.	78	.
60	.	.	71	.	.	68	.	67	.	66
50	.	.	64	.	60	.	.	.	57	.
40	.	56	.	.	.	54	.	50	49	.
30	48	.	42	.	36	.	.	35	.	34
20	.	.	.	32	.	.	30	.	26	.
10	23	.	17	13	.	12	.	9	.	8
0	.	6	4	.	-6	.	-9	.	-10	-11

CIS'S REQUIRED FOR SPECIFIED PERCENTILES COMPUTED FROM 97,967 JERSEY COWS

	9	8	7	6	5	4	3	2	1	0
100										178
90	70	58	50	45	40	36	32	29	26	24
80	21	19	17	15	13	11	9	7	6	4
70	2	1	-1	-2	-4	-5	-6	-8	-9	-11
60	-12	-13	-14	-16	-17	-18	-19	-21	-22	-23
50	-24	-26	-27	-28	-29	-30	-31	-33	-34	-35
40	-36	-38	-39	-40	-41	-42	-44	-45	-46	-47
30	-49	-50	-51	-53	-54	-55	-57	-58	-60	-61
20	-63	-64	-66	-67	-69	-70	-72	-74	-75	-77
10	-79	-81	-83	-85	-88	-90	-92	-95	-98	-101
0	-104	-107	-111	-115	-120	-126	-133	-144	-160	-270

Percentile Tables - Hólstein

PDS'S FROM MILK AND FAT REQUIRED FOR SPECIFIED PERCENTILES COMPUTED FROM 489 ACTIVE AI HOLSTEIN BULLS

	9	8	7	6	5	4	3	2	1	0
100										219
90	178	162	148	142	137	133	131	127	125	123
80	120	118	116	113	112	110	108	107	105	.
70	102	101	99	98	97	96	95	94	.	93
60	92	91	.	90	89	.	88	87	86	85
50	84	.	83	82	80	.	79	78	.	77
40	76	75	74	.	72	.	71	70	69	68
30	67	.	66	65	64	62	61	60	58	.
20	56	55	54	.	52	.	51	49	48	47
10	46	45	43	42	39	38	35	33	30	28
0	24	20	18	10	4	0	-6	-21	-67	-144

PDS'S FROM CHEESE YIELD REQUIRED FOR SPECIFIED PERCENTILES COMPUTED FROM 489 ACTIVE AI HOLSTEIN BULLS

	9	8	7	6	5	4	3	2	1	0
100										186
90	174	156	146	140	135	125	122	118	116	115
80	111	108	107	105	103	102	101	99	98	97
70	96	95	94	.	93	92	91	90	89	88
60	87	84	.	83	.	81	80	79	78	77
50	76	75	74	73	.	.	71	70	.	69
40	68	.	66	.	65	.	64	63	62	60
30	59	.	58	.	57	55	53	51	.	50
20	48	46	45	43	41	.	40	39	37	36
10	35	34	32	31	29	28	25	22	20	14
0	9	8	5	-1	-5	-15	-21	-33	-63	-150

CIS'S REQUIRED FOR SPECIFIED PERCENTILES COMPUTED FROM 783,376 HOLSTEIN COWS

	9	8	7	6	5	4	3	2	1	0
100										368
90	93	77	68	61	55	50	45	42	38	35
80	32	29	26	24	22	19	17	15	13	11
70	9	7	5	4	2	0	-1	-3	-5	-6
60	-8	-9	-11	-12	-14	-15	-17	-18	-19	-21
50	-22	-24	-25	-26	-28	-29	-31	32	-33	-35
40	-36	-38	-39	-40	-42	-43	-45	-46	-47	-49
30	-50	-52	-53	-55	-56	-58	-59	-61	-63	-64
20	-66	-68	-69	-71	-73	-75	-77	-78	-80	-82
10	-85	-87	-89	-91	-94	-96	-99	-102	-105	-108
0	-112	-115	-119	-124	-129	-136	-143	-153	-169	-302

Percentile Tables - Brown Swiss

PDS'S FROM MILK AND FAT REQUIRED FOR SPECIFIED PERCENTILES COMPUTED FROM 36 ACTIVE AI BROWN SWISS BULLS

	9	8	7	6	5	4	3	2	1	0
100										190
90	.	.	141	.	.	123	.	.	111	.
80	.	97	.	94	.	.	92	.	.	89
70	.	.	86	.	81	.	.	.	.	.
60	80	.	.	.	.	.	77	.	74	.
50	.	70	.	.	62	.	.	61	.	59
40	.	.	54	.	.	53	.	.	45	.
30	.	44	.	41	.	.	34	.	.	28
20	.	.	.	.	26	.	.	25	.	.
10	20	.	.	14	.	.	7	.	-23	.
0	.	-25	.	.	-53	.	.	-61	.	-62

PDS'S FROM CHEESE YIELD REQUIRED FOR SPECIFIED PERCENTILES COMPUTED FROM 36 ACTIVE AI BROWN SWISS BULLS

	9	8	7	6	5	4	3	2	1	0
100										184
90	.	.	155	.	.	127	.	.	114	.
80	.	108	.	102	.	.	94	.	.	90
70	.	.	88	.	86	.	.	.	.	.
60	85	.	.	78	.	.	77	.	75	.
50	.	72	.	.	70	.	.	60	.	55
40	.	.	54	.	.	51	.	.	49	.
30	.	40	.	34	.	.	24	.	.	22
20	.	.	20	.	18	.	.	17	.	.
10	15	.	.	5	.	.	-20	.	-21	.
0	.	-25	.	.	-66	.	.	.	.	-67

CIS'S REQUIRED FOR SPECIFIED PERCENTILES COMPUTED FROM 25,443 BROWN SWISS COWS

	9	8	7	6	5	4	3	2	1	0
100										274
90	77	62	53	46	40	36	32	28	25	22
80	19	16	14	12	10	8	6	4	2	1
70	-1	-3	-4	-6	-7	-9	-11	-12	-14	-15
60	-16	-18	-19	-20	-22	-23	-24	-26	-27	-28
50	-30	-31	-32	-33	-35	-36	-37	-38	-40	-41
40	-42	-44	-45	-46	-48	-49	-50	-52	-53	-54
30	-56	-57	-59	-60	-62	-63	-65	-66	-68	-70
20	-71	-73	-75	-77	-78	-80	-82	-84	-86	-88
10	-90	-92	-94	-96	-99	-101	-104	-106	-109	-112
0	-116	-119	-123	-127	-131	-137	-144	-153	-168	-231

Percentile Tables - Milking Shorthorn

PDS'S FROM MILK AND FAT REQUIRED FOR SPECIFIED
PERCENTILES COMPUTED FROM 8 ACTIVE AI MILKING SHORTHORN BULLS

	9	8	7	6	5	4	3	2	1	0
100										159
90	.	.	.	.	.	.	.	.	.	.
80	.	.	140	.	.	.	.	.	.	.
70	.	.	.	.	131	.	.	.	.	.
60	.	.	.	.	.	.	.	62	.	.
50	.	.	.	.	.	.	.	.	.	59
40	.	.	.	.	.	.	.	.	.	.
30	.	.	50	.	.	.	.	.	.	.
20	.	.	.	.	38	.	.	.	.	.
10	.	.	.	.	.	.	.	13	.	.
0	.	.	.	.	.	.	.	.	.	12

PDS'S FROM CHEESE YIELD REQUIRED FOR SPECIFIED
PERCENTILES COMPUTED FROM 8 ACTIVE AI MILKING SHORTHORN BULLS

	9	8	7	6	5	4	3	2	1	0
100										153
90	.	.	.	.	.	.	.	.	.	.
80	.	.	142	.	.	.	.	.	.	.
70	.	.	.	.	129	.	.	.	.	.
60	.	.	.	.	.	.	.	58	.	.
50	.	.	.	.	.	.	.	.	.	51
40	.	.	.	.	.	.	.	.	.	.
30	.	.	49	.	.	.	.	.	.	.
20	.	.	.	.	46	.	.	.	.	.
10	.	.	.	.	.	.	.	8	.	.
0	.	.	.	.	.	.	.	.	.	7

CIS'S REQUIRED FOR SPECIFIED
PERCENTILES COMPUTED FROM 3,221 MILKING SHORTHORN COWS

	9	8	7	6	5	4	3	2	1	0
100										147
90	92	76	68	61	55	52	48	44	41	38
80	36	34	31	29	27	24	22	20	18	17
70	15	13	12	11	10	8	7	6	5	4
60	2	1	-1	-2	-4	-5	-6	-7	-8	-9
50	-10	-11	-13	-14	-15	-16	-17	-18	-20	-21
40	-22	-23	-24	.	-26	-27	-28	-30	-31	-32
30	-33	-34	-36	-37	-39	-40	-41	-43	-44	-46
20	-47	-49	-50	-51	-53	-54	-56	-58	-60	-61
10	-63	-66	-68	-69	-71	-73	-76	-78	-80	-83
0	-85	-88	-92	-95	-99	-104	-110	-118	-129	-194

Percentile Tables - Red and White

PDS'S FROM MILK AND FAT REQUIRED FOR SPECIFIED
PERCENTILES COMPUTED FROM 1 ACTIVE AI RED AND WHITE BULLS

	9	8	7	6	5	4	3	2	1	0
100										46
90	.	.	.	.	.	.	.	.	.	.
80	.	.	.	.	.	.	.	.	.	.
70	.	.	.	.	.	.	.	.	.	.
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PDS'S FROM CHEESE YIELD REQUIRED FOR SPECIFIED
PERCENTILES COMPUTED FROM 1 ACTIVE AI RED AND WHITE BULLS

	9	8	7	6	5	4	3	2	1	0
100										52
90	.	.	.	.	.	.	.	.	.	.
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CIS'S REQUIRED FOR SPECIFIED
PERCENTILES COMPUTED FROM 1,672 RED AND WHITE COWS

	9	8	7	6	5	4	3	2	1	0
100										181
90	112	98	90	84	77	74	71	67	63	59
80	57	54	53	51	49	46	45	44	42	41
70	40	39	38	36	35	34	33	32	30	29
60	27	.	25	.	24	22	21	20	19	18
50	17	.	16	15	14	13	12	11	10	8
40	.	7	6	5	4	3	2	0	-1	.
30	-2	-4	.	-6	-7	-8	-9	-10	.	-11
20	-12	-13	-14	-15	-16	-18	-19	-20	-21	-22
10	-23	-25	-26	-27	-29	-30	-32	-33	-37	-41
0	-44	-47	-51	-54	-57	-63	-71	-81	-92	-152

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74¢

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York County DHIA Monthly Report

dhia — Pennsylvania Dairy Herd Improvement Association

June Report

The high herd was Lynn Wolf, R D 1, Abbottstown with 70, holstein cows producing 20,618 lbs milk and 787 lbs B F Second high was Stump Acres, R D 10 Bx 300 York with 93 holstein cows producing 19,048 lbs milk and 783 lbs B F

The high cow was Diamond a 8 year old holstein from Lonnie Robinson, Airville who produced in 305 days 24,954 lbs milk and 981 lbs B F Second high was Djet a 4 year old holstein owned by Stump Acres who produced in 305 days 23,424 lbs milk and 959 lbs B F

OWNER	BREED	NO. COWS	% DAYS IN MILK	LBS. MILK	LBS. FAT
Lynn Wolf	B3	70 1	89 8	20,618	787
Stump Acres	3	93 4	91 2	19,048	783
Smysers Richlawn Fms	3	74 3	85 8	20,030	753
McRal Dairy Farm	B3	173 2	91 7	19,362	743
HS&RE Fetrow	3	80 6	86 1	19 155	732
Beshore Farms	3	44 3	89 1	20,152	724
Thomas A Boyer	3	42 6	84 6	19,449	715
Sinking Spring Fminc	3	65 9	85 4	18,943	711
The JE Baker Co	B3	42 9	85 9	19,164	705
Wayne E Myers	3	47 8	84 9	18,401	703
Jim&Holly McCaffree	3	39 7	83 7	19,195	*701
Paul R King	3	53 1	87 4	17,583	695
David Stewart	3	112 6	90 8	18,559	680
RR&MR Stewart	3	59 0	88 9	19,228	*675
Rineway Dairy Farm	B3	91 2	87 8	17,450	674
Geo Knight	3	138 1	87 5	17,404	674
Wayne B Mummert	B3	72 2	85 8	17,958	663
Fawn Meadow Holstein	B3	70 3	87 4	17,481	661
Rick L Cook	B3	65 0	87 1	17,105	659
B Robert Charles	3	47 3	85 5	17,999	652
Edwin L Calhoun	B3	44 5	89 6	17,524	648
Rodman C Thompson	3	69 6	84 6	16,757	641
Double D Farm	B3	99 7	86 4	16,701	639
Mervin W Hertzler	2	63 3	87 8	13,123	637
Melvin R Lehr	B3	52 7	83 0	17,039	634
Earl Fuhrman	3	84 6	87 5	16,878	632
Walnut Hill Farm	B3	43 2	86 0	17,074	631
Big T Holsteins	B3	88 1	85 3	17,242	626
Ellis Crowl	B3	89 7	87 3	16,858	623
William Ruppert	B3	53 5	86 6	17,690	623
Claude Holmes Jr	3	66 4	87 2	16,220	620
Smokey Hollow Farm	G3	39 0	89 1	17,517	619
Leroy Bupp	3	104 7	87 9	17,111	616
Leaspring Farm	3	46 4	82 9	17,042	616
David L&Chris Druck	B3	72 4	83 2	18,697	615
JH&MB Hushon	B3	89 0	90 2	15,983	615
William Myers	B3	44 1	87 0	16,682	614
Daryl L Bair	B3	36 7	84 2	17,593	613
Walkers Farm	B3	69 6	88 8	16,760	612
J Donnell Taylor	B3	114 4	87 0	16,847	608
Dennis J Myers	3	53 2	88 3	17,133	605
C Robert Kilgore	3	50 8	87 5	17,107	605
Elvin G Molison	B3	147 6	81 0	15,985	603
Kenneth L Rexroth	B3	136 3	88 7	15,396	589
Dan&Patti Hushon	B3	34 7	88 5	15,946	588
Eisenhart Bros	B3	85 6	89 0	15,538	585
Lonnie Robinson	3	41 2	89 5	15,297	585
John C Krone	B3	42 1	87 0	16,262	585
Gum Tree Farm	3	43 1	89 9	16,459	584
Phillip D Laughman	3	27 4	85 3	15,983	582
Rutter Bros	2	81 1	88 0	11,902	582
Robert W Mays	B3	63 5	86 5	16,140	580
Hidden Springs Farm	B8	102 5	85 1	14,734	579
Leroy Hertzler	B3	32 5	84 6	15,039	575
George Innerst&Sons	B3	69 6	86 3	15,688	575
William H Fantom	B3	65 1	88 0	15,221	574
Robt Baumgardner Jr	B3	58 8	85 5	15,887	569
R&M Farms	G3	44 2	85 4	14,665	567
Harold Brown	3	67 7	82 4	15,355	566
Albert Dehoff	B3	153 3	87 4	15,445	565
Desota&Robt Burchett	B3	102 0	87 4	15,488	564
Gary W Thoman	3	47 4	87 2	15,197	555
Circle Creek Hol	B3	41 9	88 7	14,955	554
T Edwin Johnson	3	63 1	83 4	14,563	552
My-T Farms	B3	49 7	82 7	14,550	550
Titus Walker	G3	36 1	84 3	14,626	550

* - 3 times a day milking

OWNER NAME OR NUMBER	BREED	AGE	DAYS IN MILK	LBS. MILK	% FAT	LBS. FAT
Johanna	3	8-2	305	20,245	3 8	770
Sara	3	4 8	305	18,309	3 6	666
Linda	3	2-8	292	16,226	4 5	727
Ginny	3	2-5	305	16,292	4 5	731
Rodman C Thompson						
Lane	3	5 2	305	23,297	2 9	671
Ilona	3	4-8	304	16,317	4 4	711
Frances	3	4-5	305	18,593	3 9	733
Sylvia	3	4 4	305	18,833	4 3	808
Stump Acres						
Fancy	3	10-6	305	18,612	3 6	676
Ideal	3	6-0	305	14,497	4 9	709
Nell	3	5-7	305	18,681	4 0	742
Djet	3	4-5	305	23,424	4 1	959
Debbie	3	3-4	305	18,911	4 2	797
Shawna	3	3-0	301	18,761	4 7	880
Model	3	2-0	305	16,180	4 3	698
Fashion	3	2-0	305	14,321	5 1	726
JH&MB Hushon						
118	3	6-9	305	16,726	4 0	663
23	3	3-1	305	17,931	3 7	658
Rineway Dairy Farm						
257	3	4-5	305	19,571	3 6	697
Lonnie Robinson						
Rember	3	9-8	305	16,318	4 1	664
Diamond	3	8-8	305	24,954	3 9	981
Keith A Shaffer						
Berry	3	6-10	305	17,323	4 3	749
George Innerst&Sons						
40	3	3 9	292	20,469	3 5	725
Geo Knight						
2	3	7-9	305	23,608	3 6	852
ET4	3	6 0	305	20,258	3 8	766

(Turn to Page D33)

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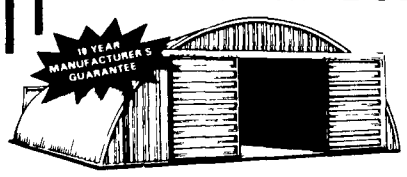

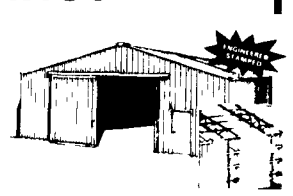

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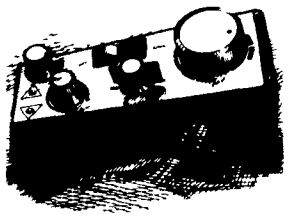

By electronically sensing changes in draft and position, this new system reacts faster to varying soil conditions than is possible with mechanical systems The result is more efficient use of your tractor's horsepower through reduced wheel slippage, saving you time and money. Plus you get better tillage results

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The new MF 3500 Series tractors also feature a reliable new 16-speed synchromesh transmission with 2-speed shift-on-the-go convenience.. a big hydraulic system to handle large implements or heavy front-end loaders 4-wheel drive option to make fast work of big fields and feedlots...and all the operator comfort you need to handle long days.

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York Co. DHIA

(Continued from Page D32)

ET9	3	5-10	305	20,029	3 6	714
ET20	3	5-4	305	19,693	3 7	732
ET-62	3	4-6	305	19,115	3 6	690
15	3	5-6	305	18,022	3 9	696
ET-103	3	3-6	305	17,900	3 8	676
William H Fantom						
33A	3	8-8	305	16,200	4 1	671
41	3	7-4	305	20,011	3 4	688
Mildred	3	5-6	305	17,502	3 9	680
56	3	4-11	305	20,451	3 8	784
Ida	3	4-3	305	18,903	3 5	655
Ellis Crowl						
R-10	3	6-11	305	19,231	3 9	755
Sinking Spring Fmlnc						
June	3	6-2	305	21,389	3 6	770
Jennie	3	5-1	305	19,127	4 5	863
Wetor12	3	4-7	305	22,878	3 1	699
Leroy Hertzler						
Mim	3	6-8	290	17,057	3 8	651
Mellow	3	3-11	288	18,351	3 9	709
Julia	3	3 5	305	17,656	4 0	714
Harold Brown						
Gwen	3	5-9	295	19,854	3 4	669
Duchess	3	5-0	305	17,257	3 7	637
Sonya	3	4-4	305	18,652	3 8	700
Albert Dehoff						
312	3	4-9	305	20,069	3 4	692
9R	3	3-0	305	15,933	3 9	614
74R	3	1-11	296	13,539	4 7	638
Leaspring Farm						
Gloria	3	4-11	305	17,132	4.0	677
Fiz	3	3-6	305	18,665	3 9	736
Snap	3	3-7	305	16,857	4 2	706
Thomas A Boyer						
Sam	3	6-4	305	23,568	3 8	891
#Fizzie	3	3-0	305	27,450	2 9	804
Glenna	3	2-5	305	19,793	4 0	785
Earl Fuhrman						
Gwen	3	3-6	305	16,585	4 4	735
HS&RE Fetrow						
261	3	4-9	305	16,855	4 0	673
285	3	3-11	305	18,256	3 8	700
323	3	2-0	305	13,946	4 9	690
332	3	1-11	305	15,293	4 6	700
334	3	2 2	305	17,256	4 3	742
335	3	2-0	302	13,894	5 0	697
RR&MR Stewart						
Dusk	3	4 9	305	21,352	3 6	761
Smysers Richlawn Fms						
Ruby	3	3-11	305	25,462	3 4	861
Joann	3	3-1	305	15,652	4 5	701
Brett	3	3-3	305	21,417	3 7	788
Bessie	3	2-6	305	17,759	3 7	654
Flower	3	2-1	299	14,744	4 4	655
Leroy Bupp						
PF	3	8-1	305	21,001	3 7	769
Hattie	3	5 9	305	21 953	3 5	767
Jig	3	3-1	305	17,252	4 1	711
Speckls	3	2-11	305	16,945	3 9	661
Hidden Springs Farm						
Noel	3	8-11	305	16,254	4 7	769
Ruby	3	6-10	286	16,794	3 9	654
Demeter	3	4-7	305	17,685	4 0	708
Nite	3	3-1	305	15,489	4 4	674
Nanny	3	3-3	305	17,254	3 9	665
Dennis J Myers						
Bess	3	6-0	305	21,875	3 1	688
Paul R King						
Sadie	3	8-7	305	21,111	3 9	832
Midnite	3	8-7	305	20,069	3 7	747
Cherry	3	4-3	305	18,344	4 1	753
Jaybird	3	3-4	305	17,797	3 8	670
Karen	3	3-4	305	15,905	4 3	690
Wayne B Mummert						
78	3	8-11	305	18,375	4 3	798
98	3	5-9	305	21,479	3 5	752
19	3	5-10	305	21,989	3 1	677
Desota&Burchett						
81	3	4-7	284	17,951	3 9	703
34	3	3-9	297	19,678	3 4	664
Lynn Wolf						
June	3	3-11	305	23,534	3 1	731
Kim	3	3-3	305	20,763	4 2	867
Louann	3	1-10	305	20,079	3 5	711
Melvin R Lehr						
42	3	8-3	305	19,568	3 6	668
15	3	6-8	305	19,752	3 7	736
14	3	6-5	305	18,907	3 9	736
38	3	5-3	305	21,697	3 9	842
32	3	5-0	305	21,671	3 8	834
Horace E Heindel						
178-B	3	3-1	305	18,942	3 9	739
Charles Herr&Son						
Stella	3	4-3	305	16,370	4 1	672
Wayshar Farm						
Holly	3	5-2	305	16,735	4 1	683
3	3	3-6	305	14,966	4 8	714
Kenneth L Rexroth						
88A	3	5-1	305	20,541	3 5	721
122	3	3-0	305	17,221	4 1	698
127	3	6-2	305	16,272	4 0	654
121	3	3-0	305	18,679	3 6	678
134	3	6-1	305	17,204	4 1	703
103	3	5-0	305	14,389	4 5	652
59	3	5-0	305	14,817	4 4	650
Rick L Cook						
Bee	3	8-0	305	20,910	3 9	822
Blend	3	2-11	305	19,340	3 8	727
J Donnell Taylor						
Randy	3	6-7	305	20,371	3 6	731
Helen	3	4-10	305	19,062	3 5	672
Tracey	3	3-10	305	18,299	4 1	742
Elvin G Molison						
80	3	10-1	305	18,877	3 7	698
140	3	3-11	305	17,151	4 4	751
Daryl L Bair						
Carla	3	2-11	305	17,554	3 8	671
John D Adams						
63	3	8-0	264	16,824	4 2	706
Smokey Hollow Farm						
97	3	3-1	305	16,080	4 3	684
Mervin W Hertzler						
Nina	2	3-4	305	12,217	5 5	666
Edwin L Calhoun						
73	3	6-0	305	17,762	4 3	766
Bev	3	4-4	305	21,536	3 4	730
Connie	3	3-0	305	23,111	3 0	704
Robert W Mays						
19	3	6-2	305	16,869	4 0	669
David L&Chris Druck						
131	3	3 1	305	20,163	4 1	817
Albert Neufeld						
123	3	5-3	305	17,600	4 3	753
Big T Holsteins						
Jane	3	6-7	305	19,325	4 2	803
Alice	3	3-1	305	17,806	3 9	690
Jet	3	6-0	305	22,581	3 2	726
John C Krone						
Gloria	3	4-7	305	20,878	3 3	684
Bobbie	3	3-4	305	18,799	3 5	650

(Turn to Page D34)

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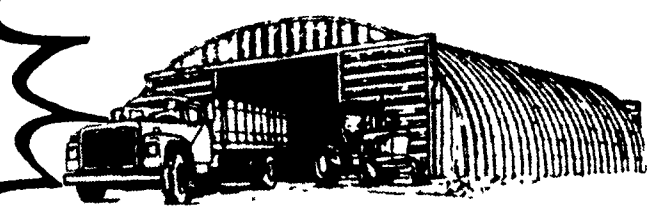

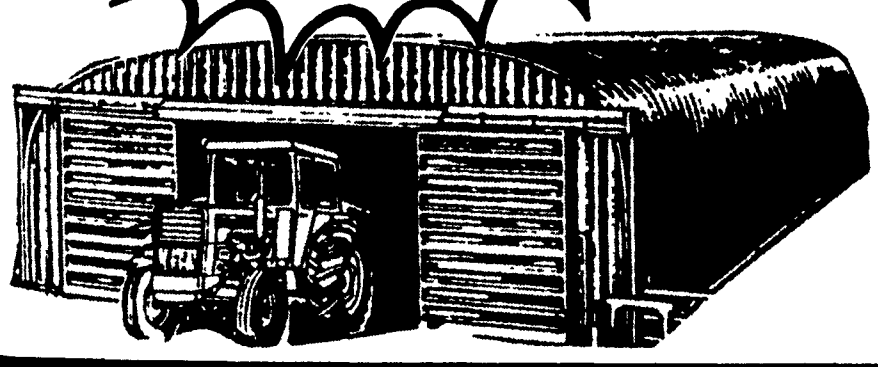

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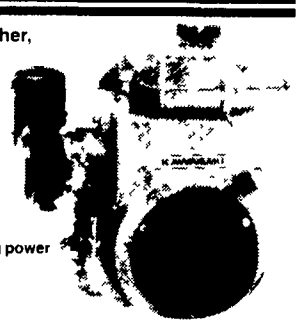

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York Co. DHIA

(Continued from Page D33)

Walkers Farm						
107	3	6 3	305	19 954	4 2	837
882	3	4 9	304	17 163	3 9	670
17	3	4 2	305	17 851	3 8	680
David Stewart						
Bell	3	7 6	305	20 143	3 6	729
Beth 53	3	7 5	305	18 613	3 5	658
Sibyl	3	5 7	305	19,308	3 7	719
Fiaa	3	3 7	305	19 643	3 7	723
Walnut Hill Farm						
Elaina	3	4 10	305	18 733	4 2	786
Fawn Meadow Holstein						
135	3	4 10	305	20,822	3 4	710
76	3	3 9	305	19,400	3 6	703
23	3	3 8	305	17,821	3 9	699
28	3	2 5	305	15 679	4 2	662
My T Farms						
Horny	3	7 9	305	18 538	4 0	746
Deal Holsteins Farm						
174	3	2 10	305	14,039	4 8	670
Barrens View Fm						
63	3	5 5	305	21,490	3 7	788
6	3	3 3	299	21,576	3 4	727
Jim&Holly McCaffree						
Mindy	3	4 10	305	19,912	3 7	734
Lillie	3	7 4	305	23 782	3 6	859
Robert E Morris						
83	3	0 0	290	15,699	4 2	652
91	3	2 5	305	17 786	3 8	677
David M Emig						
58	3	4 8	305	14,596	4 8	696
65	3	3 10	305	14,576	4 7	682
McRal Dairy Farm						
105	3	5 9	305	18,063	3 9	705
Dputy37	3	3 9	305	18,627	3 6	664
Dputy58	3	3 7	305	18,485	4 5	824
212	3	3-2	305	18,217	4 0	735
356	3	2 0	305	19,776	3 6	718
358	3	2 5	305	19,175	4 4	845
William Ruppert						
Linda	3	6 2	305	16 100	4 0	643
Starmae	3	5 2	305	18,428	3 9	725
Eisenhart Bros						
271	3	6 0	305	20 299	4 2	859
Wayne E Myers						
Maple	3	4 6	305	22 961	3 6	820

Lebanon County DHIA Monthly Report

dhia — Pennsylvania Dairy Herd Improvement Association

June Report

Rolling Herd Average

OWNER	BREED	NO. COWS	% DAYS IN MILK	LBS. MILK	LBS. FAT
Willow Maple Farm	4	43 7	91 2	21,586	775
Robert Martin	B3	50 9	87 4	19,004	724
Fort Zeller Farm	B3	50 4	86 3	19,213	717
Roy E Nolt	B3	55 8	86 7	19,494	715
Raymon&Marlin Getz	3	59 3	84 2	18,526	714
Hoover Farms	3	83 9	85 1	18,421	713
Marvin K Meyer&Sons	B3	100 4	91 2	18,362	711
M Luther Bennetch	G3	72 9	88 9	17,726	705
Roy H Weaver	3	55 1	87 6	19,603	704
Dale Hostetter&Sons	3	90 1	84 7	18,118	704
Conewago View Farms	B3	69 7	87 2	18,022	698
Donald G Hoffer	B3	43 3	86 6	18,533	697
Gary Lentz	3	70 5	85 6	19,032	695
Kirbly L Horst	3	45 0	89 4	18,464	695
Gary Mase	B3	30 4	83 5	18,962	692
Eugene R Houser	3	31 5	88 2	17,825	691
Walter K Heisey	B3	57 0	88 9	19,007	687
Elvin Martin	B3	50 5	83 8	19,103	686
David Brandt	3	71 3	88 1	18,863	685
Arnold Acres	3	118 4	87 5	18,322	682
Mark H Bomberger&Son	B3	84 7	88 5	17,984	680
Mervin W Horst	3	41 0	88 1	18 167	678
Kenneth Mase	B3	95 9	86 0	17,504	676
Dennis Wampler	B3	86 0	88 5	18,298	675
Marlin M High	G3	41 8	85 3	18,794	674
Lentzdale Farms	3	77 5	87 3	17 985	670
Clarence B Martin	G3	31 6	87 8	18 131	667
Melvin M Nolt	B3	54 4	85 8	17 615	665
Wernerway Farms	B3	125 3	85 7	17 737	663
Glen R Martin	B3	24 2	86 9	18,923	663
Arthur R Krall & Son	3	64 0	86 1	17 988	661
Reuben C Martin	B3	68 4	85 4	18 075	660
Harvey T Bomgardner	3	94 3	85 3	17,640	659
Marlin D Heisey	B3	43 0	85 6	18,126	658
John Brubaker	B3	48 4	89 3	17,825	657
Robert B Smith	2	66 5	86 8	13,729	653
Richard&Ronald Shirk	3	78 1	89 0	16,722	652
Daniel B Shirk	3	37 7	88 3	18,137	651
Irvin Z Brubaker	B3	47 8	85 7	18,126	648
Leon H Kline	3	58 0	88 6	17,913	645
San Bo Holsteins	3	79 1	83 8	16,965	643
Lloyd Burkholder Jr	B3	53 8	84 0	18,083	643
Hershey Bare	3	87 9	87 0	16,685	643
David Eugene Reiff	3	48 2	85 7	17,928	641
Richard L Heilinger	B5	20 4	82 9	14,788	637
Hoover Farms	B3	57 9	84 6	17,300	637
Ferndale Farms	3	82 8	83 6	16,884	636
Phares Z Musser	3	87 4	85 7	16,077	635
Lloyd S Newswanger	B3	71 0	83 3	17,726	634
Enos N Leinbach	3	31 1	90 8	16,390	633
Richard L Heilinger	B3	20 2	85 3	16,981	633
Philhaven Farm	3	101 1	89 5	17,326	633
Hoover Farms No 2	B3	52 0	84 5	17,132	631
Vincent A Wagner	3	46 8	86 1	17,558	629
Lester Martin	B3	56 2	91 1	16,398	629
Isaac E Zimmerman	3	22 4	87 2	15,951	628
Eugene Martin	B3	88 2	85 6	16,651	627
Ernest P Detweiler	B3	55 6	82 8	18,220	627
Mark C Patches	B3	96 1	86 7	15,798	625
Sonnen Acres Farm #1	B3	87 6	84 2	16,974	624
Earl Smith	3	44 1	87 1	16,240	623
Twin Maple Farm	B3	38 9	87 2	16,478	623
Raymond K Martin	B3	50 5	84 9	17,494	619
Jay & Carol Hershey	3	83 3	34 3	17,260	617
Clyde E Deck	B3	70 5	86 2	16 360	617
Richard Batz	3	29 5	89 1	17,402	616
Ramona Holsteins	3	71 4	83 8	16,301	616
Leon M Burkholder	B3	45 5	89 7	16,371	614
Norman Kline	3	75 2	86 6	16,207	614
David Weaver	B3	41 6	87 9	17,483	612
Walter M Martin	B3	49 2	83 2	16 990	611
Wilmer S Reiff	B3	62 1	87 2	17,307	609
David E Zimmerman	G3	49 6	87 0	18,913	607
Luke Wise	B3	41 6	87 1	17,025	606
Gerald W Martin	B3	50 0	88 8	17,205	606
Sonnen Acres	B3	126 9	83 0	16,441	605
Bucher Brothers	B3	41 2	81 2	17,416	601
Kenneth I Sellers	3	60 5	86 4	15,636	601

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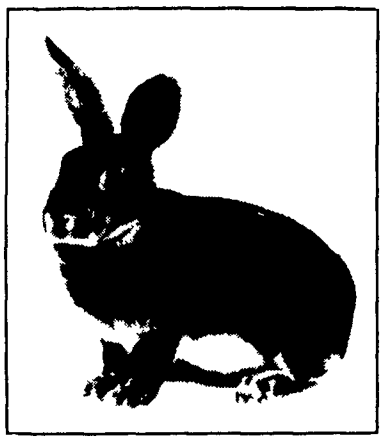

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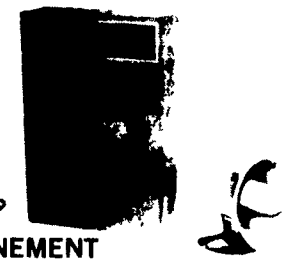

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Perry County DHIA Monthly Report

dhia
Pennsylvania Dairy Herd Improvement Association

May Report

OWNER	NO. COWS	% DAYS IN MILK	LBS. MILK	LBS. FAT
Ray E McMillen	69 3	88 5	21,076	771
Kenneth R Benner	61 7	88 3	19,889	756
Max Reapsome	52 7	86 3	19,794	722
Robert&Bernice Gabel	41 2	88 1	19,446	717
Nevin G Rice	93 3	89 7	19,537	713
Frank Rice	50 2	88 0	19,229	711
Oscar&Winnie Campbell	51 9	87 4	18,632	709
Richard L Maurer	51 3	86 4	18,791	705
J Ted Troutman Sons	48 4	87 8	17,855	696
Carl E McMillen	85 5	85 4	18,184	692
Benjamin E Dum	55 4	88 7	18,671	691
R Shambaugh-B Barns	42 7	88 6	18,542	686
Alrada Farms	97 3	85 3	18,158	686
Donald Dum	34 3	89 1	18,300	683
Milmay Farm	53 8	85 6	18,516	680
David H Weller	47 1	83 8	18,953	679
Richard G Smith	53 5	86 2	17,726	676
Dean Loy&Son	49 6	88 8	18,278	673
Milligan Bros	67 2	88 8	18,613	670
Charles C Byers	49 4	91 6	17,412	663
Ed&Wilma McMillen	44 0	85 1	17,869	659
Howard&Paul Barkley	49 9	90 2	17,509	655
Earl E Brubaker	62 0	84 6	17,553	652
William E Martin&Sons	158 0	87 1	17,553	651
Fred&Nancy Neely	35 2	85 1	17,464	647
Bratton View Farm	75 3	90 9	8,240	644
Ed&Merril Brofee	136 5	84 8	17,601	637
Clark W Bower	73 6	85 8	16,698	629
R Jack Crozier	50 4	84 5	17,508	621
Cedar Lane Farm	84 9	85 3	16,790	617
Duane L Hertzler	108 7	86 2	16,903	617
Edwin L Sheibley	61 7	80 7	17,079	612
MW Smith Farms	72 4	85 0	17,436	611
Dumbelle Farms	58 3	82 6	16,977	604
Perry M Kretzing	94 0	87 6	16,429	600
Arthur E Dum Jr	46 6	88 1	16,412	600

Listed below are complete lactations of 650 lbs. of butterfat or over for May 1984

OWNER NAME OR NO.	BREED	AGE	LBS. MILK	% FAT	LBS FAT
Alrada Farms					
20	7 4	305	17,001	5 1	875
84	9 1	305	18,814	3 6	676
33	3 6	305	16,720	4 3	725
61	4 5	305	18,536	4 0	747
56	5-7	305	20,249	3 8	774
47	4-6	305	15 768	4 6	718
Carl E McMillen					
Buster	8 7	274	16,025	4 4	707
Juliet	4 1	305	20,274	3 3	673
Cupid	3-4	305	19,967	3 3	656
Ray E McMillen					
Tim	7 5	305	21,411	4 1	870
Jenifer	5 11	297	17,761	3 8	675
Joyce	5 7	305	27,999	3 1	870
Rust	5-4	305	22,144	4 2	934
Jetta	4 4	277	19,909	3 6	725
Jolene	2 4	305	18,579	3 8	715
Nevin G Rice					
188	7-5	295	21,737	3 8	825
256	5 6	305	20,537	3 5	718
327	3-5	298	17,273	3 9	680
Lyons Brothers					
Eve	6-1	305	18,867	3 5	666
Max Reapsome					
190	3-7	305	22,476	3 4	765
William E Martin&Sons					
160	8-9	305	19,230	3 6	689
424	4-7	305	22,566	3 5	787
Mt Home Farm					
Un2	0-0	305	16,491	4 1	677
Benjamin E Dum					
Cher Up	8-7	305	20,893	3 9	815
Cancer	4-9	305	19,770	3 5	701
Frank Rice					
Kendi	5 0	305	19,147	3 7	715
Milu	4 2	302	19,989	3 6	712
Milligan Bros					
Rocky	4-6	305	19,151	3 6	697
Rosie	3-10	279	20,283	3 6	731
Richard L Maurer					
Audrey	7 8	305	20,007	3 7	734
107	6-1	305	17,283	4 1	706
Pamela	4-9	305	19,553	3 6	696
Bratton View Farm					
Meg	9 7	305	17,506	3 7	654
Lottie	4 6	305	18,587	3 5	657
Nora	3-3	305	20,163	3 4	688
Ed&Merril Brofee					
Fancy	6-1	305	20,667	3 6	752
Janice	3-9	298	19,684	4 5	879
Oscar&Winnie Campbell					
Betty	7 9	300	16,600	4 1	683
Nancy	7 5	305	19 512	3 3	651
Norma	3 4	305	20,253	3 6	730
Charles C Byers					
Janet	5 11	305	19 778	4 2	835
Agrophilos Inc					
238	8-6	305	18,200	3 7	670
262	7 0	305	20 407	3 5	710
270	6-8	305	20,450	3 8	768
Melvin S Weaver					
10	10 3	305	18,813	4 0	745
Perry M Kretzing					
20	12 8	305	17,137	3 9	663
Ronald C Fauth					
39	0 0	305	17,089	4 1	694
Edward Horn					
66	4 10	305	19,474	3 6	703
40	4 4	305	20,152	3 3	668
Richard G Smith					
29	7-8	305	23,373	3 6	849
64	6-5	305	19,520	3 8	742
20	5-6	305	22,188	3 5	774
40	4-5	305	19,762	3 8	744
Robin 48	4-1	305	18,094	3 7	674
13	2-1	305	19,444	3 7	720
Ivan M Martin					
27	8 4	303	17,451	3 9	684
James F Bolze					
52	5-7	305	19,396	3 9	756
Ed&Wilma McMillen					
Tammy	5 2	305	21,314	4 2	886
John L King					
Jenny	6-5	298	16,296	4 2	686
Edwin L Sheibley					
Patti	5 9	297	21,103	3 6	768
Anita	9 8	305	18,121	4 0	727
Lester&Hazel Fleisher					
Robin	7-7	305	18,487	3 6	662
Dobbs Brothers					
Diamond	3-8	305	16,487	4 0	652
Cedar Lane Farm					
55	7 9	305	19,347	3 5	676
J Marvin Landis					
109	4-8	305	17 794	3 7	661
J Ted Troutman Sons					
9	3-9	305	17,870	3 7	656
R Shambaugh B Barns					
8	5 9	305	20,560	3 3	679
29	5-8	305	17,250	4 0	698
30	4 7	305	22,627	3 6	807
31	3 8	305	19,455	3 9	761
35	3-9	305	19,606	3 9	761
37	5 9	305	18,796	3 9	735
Jonathan E Esh					
Tassy	10-2	305	18,531	3 6	670
Howard&Paul Barkley					
Connie	5-8	305	18,598	3 5	650
Robert&Bernice Gabel					
Summer	3-11	305	18,555	3 8	714
James M Palm					
76	4 5	236	14,520	4 6	66
MW Smith Farms					
Wen	4-1	305	18,369	3 7	67

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Dauphin County DHIA Monthly Report

dhia
Pennsylvania Dairy Herd Improvement Association

June Report

OWNER	BREED	% DAYS IN MILK	LBS. MILK	LBS. FAT
Roy M Brubaker	H	81 8	19,444	703
Catalpa Farms	H	135 4	19,457	700
Robert J Schaffer	H	61 2	18,213	684
Restful Acres	H	89 4	18,250	676
Roy C Wilbert	H	39 4	18,688	667
John Hertzler	H	77 2	17,529	662
Crissinger Dairy Farm	H	86 9	17,058	650
J Melvin Brandt	H	77 0	16,779	646
Earl Campbell	H	46 1	16,222	645
Stoney Lawn Farms	H	58 6	18,291	631
Robert H Beach Jr	H	42 3	16,194	622
Elwillo Farms	MB	134 1	16,092	621
Larry L Boyer	H	23 2	16,860	616
Alwine Farms	H	75 4	16,385	615
Terlin Farms	G	69 6	13,044	614
Mahlon L Lehman	H	59 1	16,939	613
Conewago Farms	H	36 2	14,952	607
Wil-Lene Farms	H	65 6	16,471	607
Wilmer Campbell	G	64 7	13,730	605
Robert Oellig	H	36 2	15,300	595
Arthur Brandt	H	93 4	15,449	584
Lytle Farms Inc	H	101 2	16,499	582
Great View Farms	H	52 0	15 344	577
A Grand View	H	148 1	15,548	576
Harold M Nissley	H	41 6	16,185	576
Sher Mar Acres	H	60 3	15,621	575
Donald Engle	H	76 7	15,992	572
Dale F Faust	H	49 1	15,651	563
James Lesher	H	42 3	14,760	550
Walter Schaffer	H	24 8	13,395	546
David Zook	H	39 4	14,766	540
R Own Dairy Inc	H	88 5	14,280	538
Paul E Clugston	H	96 6	15,031	537
Homer Campbell	H	79 1	14,063	527
Floyd Feidt	MB	68 1	13,763	520
Lee R Sweigard	H	23 9	15,500	517
Lauden Farms	H	183 2	14,528	513
Noah W Sauder	H	48 6	14,086	507
Oel-Dell Farms	H	31 6	14,249	505
Raymond Belack	H	81 3	13,665	504
Donald Miller Deemer	H	54 8	13,222	501
Bryncoed Farm Jersey	J	138 7	10,629	500

305 Day Lactation Records
Above 600 Lbs. Fat

OWNER NAME OR NO.	AGE	LBS. MILK	% FAT	LBS. FAT
John Hertzler				
Denise	2 2	18,281	4 0	737
Stoney	2 3	17,191	3 5	601
Conewago Farms				
GR-8	5-8	14,918	4 4	657
Earl E Keefer				
Sherry	3-5	14,983	4 2	625
Terlin Farms				
Hedda	9-2	14,239	4 6	649
Shine	5-10	12,983	4 9	634
Jill	3-2	12,095	5 1	619
Darthea	3-9	12,317	5 1	628
Robert J Schaffer				
Clarbel	5-6	19,951	3 7	744
Fern	3-9	19,312	4 1	786
Daffy	3-7	19,025	3 9	745
Stoney Lawn Farms				
Cristy	4-6	21,589	3 2	693
Aretha	3-2	20,652	3 0	612
Lizzy	2 1	16,251	4 3	701
Lytle Farms Inc				
Bitzy	9-7	20,541	3 6	735
Sarah	4-1	20,318	3 0	610
Angie	3-10	17,570	3 9	688
Crissinger Dairy Farm				
Coleen	7-7	18,708	3 4	638
Barb	8-5	16,361	5 0	822
Joyce	7-8	17,412	3 8	653
Sherry	5-6	21,437	3 6	763
Rhonda	5-5	17,426	3 5	609
Leah	2 11	15,926	4 4	697
Floyd Feidt				
Eve	5-6	15,911	4 3	685
Caprice	4-5	18,601	3 3	612
Mahlon L Lehman				
Maggie	6-6	17,947	3 4	614
Flora	4-5	20,393	3 4	694
Molly 26	2-11	18,407	3 4	629
Hanna49	2-4	16,960	3 6	605
J Melvin Brandt				
Carrie	9-1	20,660	3 8	788
Gladys	6-9	18,107	3 7	678
Pearl	6-7	18,483	3 5	638
Eileen	6-5	22,614	3 1	706
Teresa	6-3	19,838	3 3	649
Pebbles	5-5	17,657	3 5	625
Earla	5-4	22,714	3 5	787
Ida	4-10	25,982	3 4	893
Crystal	5-0	23,087	3 3	759
Lori	5-3	17,905	4 2	754
Gail	3-3	15,708	3 8	601
Harold M Nissley				
Ailcia	5-4	21,036	4 0	842
R Own Dairy Inc				
26	2-1	13,617	4 5	608
Alwine Farms				
Jami	5 2	13,985	4 6	638
Lisa	2-9	16,933	3 9	660
Homer Campbell				
69	3-2	18,860	3 2	601
59	0-0	15,288	4 2	645
Catalpa Farms				
15	6-0	22,907	4 0	906
143	4-9	25,362	2 7	682
162	4-6	25,240	3 3	829
171	4-3	17,771	3 5	622
234	3 1	17,755	4 0	712
227	3-2	18,003	3 7	669
221	3-3	21,271	3 4	717
228	3-1	16,299	3 9	638
237	3 0	16,755	4 1	691
300	1-11	18,093	3 5	640
Robert H Beach Jr				
143	6 2	14,832	4 1	606
Lauden Farms				
48	0-0	17,936	3 7	656
205	3-9	15,668	3 9	607
Donald Engle				
858H	0 0	17,331	3 5	606
Earl Campbell				
18	8-5	15,641	4 3	676
10	7-2	17,236	3 9	672
119H	4-10	15,980	4 4	703
123H	3-10	18,350	4 1	753
6	2-8	14,566	4 7	689
Roy M Brubaker				
Miriam	7-0	18,636	4 1	763
Bertha	5 3	24,306	3 4	816
Orpha51	3-3	20,861	3 8	797
Sher Mar Acres				
291	7 8	20,512	3 1	639
76	8-1	15,425	4 0	622
40	3-9	18,566	3 5	657
Paul E Clugston				
1	4-6	13,686	4 4	600
Wil-Lene Farms				
30	7-9	14,584	4 3	625
54	5-7	19,247	3 8	733
64	4-5	19,030	3 7	709
Roy C Wilbert				
Kay	5-2	17,087	3 6	620
Silva	4-0	20,469	3 5	713
Hilda	3-1	17,155	4 5	776
A Grand View				
69	6-9	16,387	3.7	609
123	2-10	17,609	3 4	600
54	2-10	14,836	4 4	651
135	5-7	16,383	4 4	713
David Zook				
Paula	6-0	15,051	4 2	630
Totsie	4-0	16,728	4 1	685
Janice	5-1	16,239	3 7	605
Arthur Brandt				
Irene	4-7	16,130	3 9	622
100	4-4	15,677	4 4	689
Elwillo Farms				
45R	7-6	19,632	3 4	663
177-R	4-7	19,145	4 0	770
Larry L Boyer				
Bliss	7-11	22,143	3 5	776
Dale F Faust				
28	7-4	18,280	3 5	633

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Brockett's Ag Advice

By John E. Brockett
Farm Management Agent
Lewistown Extension Office

Property Ownership

Joint - With Rights of Survivorship - Other Than Husband and Wife

Some people use this form of ownership as a partial will that hopefully reduces the cost of property transfer after death.

Advantage - Property owned this way will go to the surviving owner.

Disadvantage - A share of the property may be taxed on the death of an owner whether that person put all or none of the asset value into the property. Example: Mother puts son on a certificate of deposit as a joint owner. The son dies - the mother could wind up paying taxes on her own property. A bank account could be cleaned out by one of the owners.

Suggestion - If you use this form of ownership, do so with a lot of discretion.

Tenants In Common - Husband and Wife

A favorite of many estate planning specialists, especially those interested in using by-pass or non-marital trusts.

Advantage - The property is owned by husband and wife in equal shares presumably would be difficult to sell without consent of both parties. The share or portion owned by each spouse can be willed in any way that person desires unless prior committments had been made. If used properly, it could wind up saving a total family estate a lot of estate and inheritance taxes. The first spouse to die can have a say in the transfer of the property.

Disadvantage - The only way it will save on total taxes is if each owner's share is willed to someone other than the surviving owner or to a trust. It can result in reduced efficiency of the farm operation if the farm operator has to be responsible to a trustee for half of the farm. There will be PA inheritance taxes on the death of the first spouse.

Suggestion - Make use of this type of ownership for cattle and/or machinery. Be hesitant on using it for farm real estate and a residence.

Tenants In Common - Others

Partnership assets are often owned as tenants in common. In other words, each party owns an interest or share of the property. It can be willed, given, or sold to anyone else unless prior agreement prevents this from happening. Property owned in this manner must be handled in the same way as individually owned property. It can be used to fund a trust, sold on an installment sale, or left in the business. Any type of property can be owned this way. It does provide more flexibility to an individual than the joint with survivor rights method.

Individual

Rather than own bank accounts, mutual funds, stocks, etc. jointly, it may be advisable to own them individually. They can then be used to fund trusts or be willed or gifted to individuals. Remember that all individually owned property is taxes by Pennsylvania. It may be taxed by the Feds if it exceeds a certain level unless willed to a spouse.

Custodian

This is a valuable way to retain some control on a child's assets without actually owning them.

"GEHL CHOPPED A GEAR FASTER. AND CHOPPED $8000 OFF MY BILL."

BILL BUCHNER, HARRISVILLE, MICHIGAN DAIRYMAN

What happens when two of the top pull-type forage harvesters go head to head in some of America s toughest haylage?
According to Bill Buchner Gehl s 1250 wins big over New Holland s 1600
We chopped the same field with the same 180 hp tractor Gehl let me go a gear faster all day long
Why? Well Gehl has tremendous capacity And it s so easy to keep chopping smoothly I can put a factory-true bevel on the knives and set the shear bar in less than 10 minutes said Buchner
When a New Holland dealer invited him to a similar field test using Case 2870 4WDs Buchner *again* picked Gehl as the better chopper
If you re like Bill Buchner you want the best The bottom line? The Gehl 1250 cost me $8000 less than the NH 1600 And Gehl s got the better machine he said
It s time you put a Gehl to the test on your farm Whatever size forage harvester you need Gehl is the leader Choose from the model 750 the 1000 or the 1250 Make us prove it with a demonstration
Gehl Company
West Bend WI
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GEHL 75 YEARS OF GOOD IDEAS

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All Forage Equipment, Grinder Mixers and Hay Equipment Have Interest Free Waiver Until December 1, 1984.

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BENNETT MACHINE CO.
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Honesdale, PA
717-253-3440

LEBANON VALLEY IMPLEMENT CO., INC.
Richland, PA
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RT 1 Box 619
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412-376-3740

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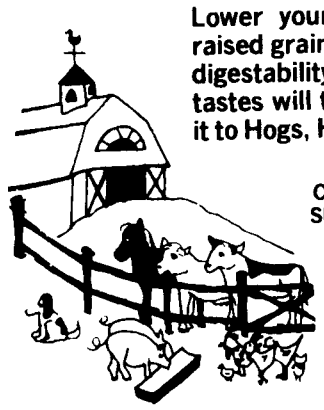
Lower your feed costs by feeding your own raised grains. Roasting your grains will increase digestability and remove moisture. Flat bitter tastes will turn to sweet pleasant flavors. Feed it to Hogs, Heifers, Dairy Cows and Horses.



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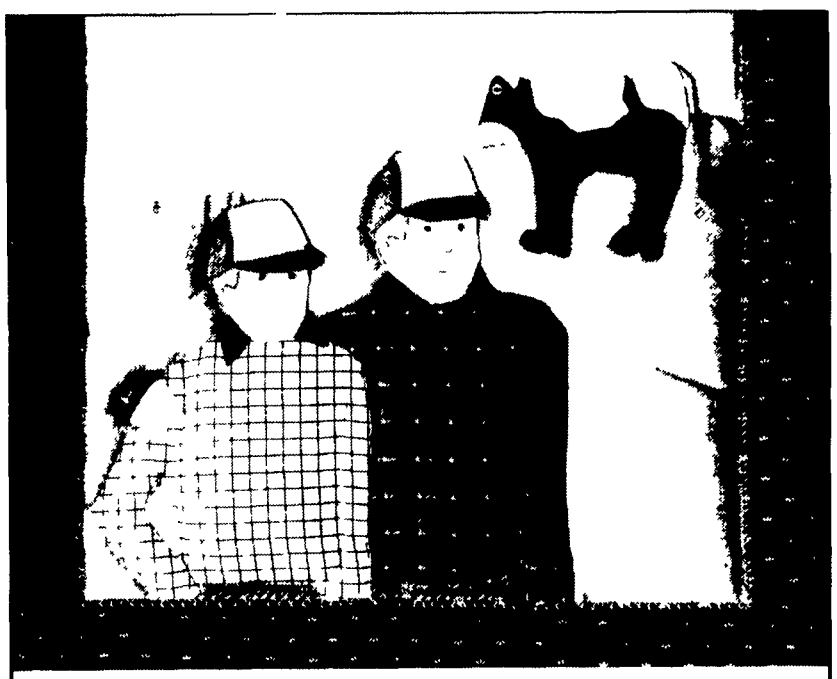

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Useful honey bees spotlighted at Montgomery Fair

GAITHERSBURG, Md. — Visitors to the 1984 Montgomery County Fair will have an opportunity to learn about the various ways that honey bees contribute to daily life.

Mr. Arthur Strang, superintendent of the honey and beeswax department, says, "Bees are critical to agribusiness as many crops are dependent upon them for pollination in order to produce fertile seeds. Crop yield can be drastically reduced if there aren't enough bees for pollination. Many farmers throughout the world rent colonies of bees to ensure the best possible harvest".

Honey is used in many of our food products, cosmetics, and medicine. Many people prefer honey as a natural sweetener as an alternative to sugar. Beeswax is used widely in a variety of ways, including the making of candles.

Medical research continues into Apitherapy, the medical use of honey bee products. Medical science is investigating the use of honey bees' products in the treatment of arthritis. Even the venom of the sting has found a wide variety of medical laboratory uses.

Honey lovers attending this year's fair will have an opportunity to buy some of the finest honey produced. There will be a variety of honey for sale: wildflower, tulip tree, and blackberry honey from Maryland; buckwheat honey from Pennsylvania and New York; orange blossom honey from Florida; and sage honey from California.

The Montgomery County Fair begins August 20th and runs through August 25th at the Montgomery County Fairgrounds, Gaithersburg, Maryland.

Milk down

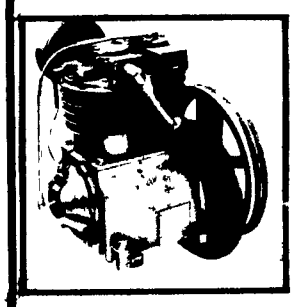
HARRISBURG — Pennsylvania milk production during June totaled 814 million pounds, down one percent from last year according to the Pennsylvania Crop and Livestock Reporting Service. Milk production in the state during the April-June quarter totaled 2.4 billion pounds, one percent below the comparable period in 1983. The number of milk cows in the commonwealth during June averaged 720,000 head, down 11,000 head from a year ago. Milk production per cow averaged 1,130 pounds in June, up five pounds per cow from a year ago.

Grain and other concentrates fed to milk cows in the commonwealth on July 1 averaged 14.7 pounds per head, up one-tenth of a pound from July 1983. The value of grains and other concentrates fed to milk cows on July 1 averaged $9.20 per hundredweight, up 90 cents from last year.

United States milk production during June totaled 11.8 billion pounds, four percent less than May 1984, and four percent less than June 1983. Milk production for the quarter totaled 35.8 billion pounds compared with 36.9 billion pounds during the second quarter a year ago. Total milk cows in the United States averaged 10.9 million head during the April-June quarter, down two percent from a year ago.

Grain and other concentrates fed to milk cows throughout the country on July 1 averaged 14.9 pounds, down eight-tenths of a pound from July 1983. The value of grain and other concentrates fed to milk cows on July 1 averaged $8.46 per hundredweight, 66 cents above a year earlier.

Air Compressor Sales & Service



½ to 150 HP
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Service on most other makes
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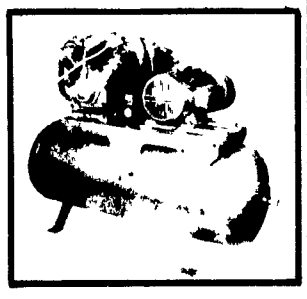

Also Hydraulic Motors, Pumps, Cylinders, Filters Hose & Fittings
For All Your Air & Hydraulics Write To:
Elam S. Stoltzfus
RD 1 Box 94A Kirkwood, Pa. 17536
or call answering service **717-529-2668**

COMPLETE DISPERSAL
TUESDAY EVENING, JULY 31, 1984
AT 7:30 P.M.

Just East of Montrose, Pa. Turn off Rt. #706 at Two Guys Restaurant and Ames Dept. Store or turn at Loomis Pipe Plant, go about 1 mile. Robt. Lewis II farm on William's Pond. Susq. Co. 8 miles off I 81, N.Y. Exit #1 or Pa. Exit #67. Follow Arrows.

60 HOLSTEINS (Some Registered)

42 mature cows, 3 hfrs. bred for fall, 15 from started hfrs. to 1½ yrs. The cows in all stages, 12 fresh June & July, some due Aug., the rest throughout the year. Milking many 1st calf hfrs. recently fresh. Vet examined and interstate charts.

MACHINERY

Case 1070 diesel tractor with new rubber, full cab, weights and few hrs. JD 4030 tractor with ROPS, new rubber, diesel, JD 3020, late model, new rubber, diesel, clean, wide front, quad range, JD #48 loader & bucket, JD #35 chopper, 1 row and pickup heads, JD #714 forage box with roof and 12 ton wagon, JD #336 baler and thrower, JD #115 chuck wagon with 10 ton running gear, JD #110 12 ft. transport disc, JD drag, JD 4 bottom auto reset #F350 plows, JD 3 bottom trip beams, JD #1240 4 row planter, JD mow conveyer & elevator, about 150 ft. with elevator, NH 12 ton & Gehl 10 ton running gears, bale box & wagon, NH #258 rake, NH #28 whirl-a-feed blower, NH #489 haybine, King 8 tooth chisel plow, Lely tedder, 2 farm trailers, AC #60 bagger combine, PTO, electric welder, etc. A lot of good, late model, machinery. * Patz barn cleaner with 400 ft. chain about 1½ yrs old. * Patz 18' silo unloader. Etc.

MILKING EQUIP.

Zero 1000 gal. bulk tank with 2 compressors, Universal 1½" S.S. pipeline with 4 Bou-Matic units about 300 ft. pipe, Bou-Matic FR4A vacuum pump with 5 hp motor, etc.

TERMS - Cash or Approved Checks — Lunch

JIM & STEVE ADRIANCE
Auctioneer & Sale Managers
AU000004L Montrose 717-278-1574

PUBLIC AUCTION
FULL LINE OF FARM EQUIPMENT, PICK-UP, SHEEP, TOOLS, LUMBER, BUTCHERING EQUIPMENT, ETC. (STRAW AND HAY)
FRIDAY EVENING, AUGUST 3, 1984
AT 5:00 P.M.

The undersigned will sell the following at Public Sale located 5 miles West of York on Route #30 thence turning North 3 Miles on Biesecker Mill Road, crossing Route #234, to Emigs School Road thence East ½ mile to sale in York County, Pa. — Watch for sale signs.

D-14 Allis Chalmer Tractor, new rubber and wheel weights; New Idea #501 loader; WD 45 Allis Chalmer, wheel weights and new rubber; Cultivators for WD-45; 3 14" bottom plows, mounted, fast hitch; Model #66 NH Baler, PTO; 7 HP Mighty Mac Log Splitter, New; Allis Chalmer D-14 3 pt. hitch; 1971 CHEVROLET ½ TON PICK-UP, 6 CYL. 4-SPEED STANDARD TRANSMISSION WITH CAP, BUNKS AND BEDDING; NI Trail mower, 7' sickle bar; 3-Section spring tooth harrow; 10' single roll packer; Oliver 13-7 disc drill; 8'x14' Wagon bed; Cross 30' Elevator with ½ HP motor; Little Giant gravity box; Nice JD #190 2-row corn planter; NI 4-bar hay rake; Nice 7HP Frazer rear mount rototiller with reverse; New Idea 12A Manure spreader; Allis Chalmer 28-15 Disc; 2 Section rotary hoe; Potato plow; Bobsled; Rubber tire flat wagon; IH Fodder shredder; 2 Hole corn sheller; Snowplow, "V"; Hammermill; Clipper seed cleaner; Brady corn chopper; 2 Metal wheelbarrows; Feed Cart; Ensilage cart; NH Chopper mill; Subsoiler; 2 Poulon chain saws; Router Kit; Skil-saws; Electric drills; New Sears 1HP portable air compressor; 2 Wood turn-lathes; Ripsaw; Comb. Disc/belt sander; 4" Jointer; Craftsman bench drill press; Choremaster garden plow; Watering troughs; Sheep equipment; 2 fencers; Stuart electric clippers; Sump pump; 3 Rope and tackles; 20' shifting ladder; Hahn Eclipse rotary mower; Lawn roller; Bench vise; Many clamps including "C", Centric and pipe; Platform scales; Hydraulic jacks; ½ Ton chain hoist; 2 Bag carts; Saw mandrel and 2 30" blades; Forge; 2 Carpenter boxes; **BUTCHERING EQUIPMENT:** 2 Lard presses, 1 & 1½ gal., Toledo bandsaw with stainless bed; Grinder, 3 Butcher benches, Scaulding trough, 7 Cast iron kettles with 3 foots, Hooks, Scrapers, Chains, Hangers, Full set of knives; LUMBER Including plywood, planking, boards, locust posts plus 10 Cords of dry split firewood; 2 Tarps; Electric motors; 200 Bales of Hay; 1000 Bales of Wheat straw; SHEEP-10 Ewes 1 year old plus a shop "FULL TO THE ROOF" with farm, carpenter and mechanical tools and equipment.

NOTE: This is a partial listing of a complete line of excellent farm and shop equipment.

TERMS: Cash, Travelers, Cashiers or Personal checks with approval. INSPECTION DAY OF SALE.

Owner,
HARRY T. RUDISILL
4011 Emigs School Road
Dover, PA

Auctioneer, CLAIR R. SLAYBAUGH
Idaville, PA
Phone: 717-677-7479
License: 856L

STANLEY "TEX" MacDOUGAL
POTATO FARM AUCTION
FRIDAY, AUGUST 10, 1984 10:00 A.M.
PRATTSBURG, (STEUBEN CO.) NEW YORK

Sale to be held at the farm located on Fairground Road, just off the Prattsburg to Italy Hill Road, 2 miles north of Prattsburg.

Discontinued farming, selling without reserve potato and general farm equipment as follows:

NOTE: NO grading equipment due to loss in warehouse fire.

TRACTORS-COMBINE: I.H. hydro 100, 2825 hrs., 18.4-38 rubber; I.H. 706 diesel, wide front, 2 pt., 18.4-38 rubber; I.H. 560 diesel, wide front, 2 pt.; I.H. 450 gas, wide front; Oliver 88 (no motor) for parts; Gleaner K combine, (corn-soy special) with cab and 12 ft. hume reel head, (never combined corn).

TRUCKS: G.M.C. 10 wheel tag axle, with 671 Detroit diesel, 5 sp./2 sp., with 22 ft. flat deck; 1957 I.H. S180 with hoist and 14 ft. deck; 1974 I.H. 1600 Loadstar cab and chassis, 4 sp./2 sp., with 2 sp. aux.; 1964 G.M.C. 5500 cab and chassis, 5 sp./2 sp., with 2 sp. aux.; 1964 Ford cab and chassis. 2 sp. aux.; I.H. R200 cab and chassis, 10 wheel twin screw, 3 sp. aux.; 1957 I.H. S180 cab and chassis, 10 wheel, lo axle, 3 sp. aux.; 1951 Ford cab and chassis, 3 sp. aux.; 1964 Ford 800, 10 wheel tag axle, 8 sp. Ranger trans., 2 sp. rear, (no motor or radiator).

GENERAL EQUIPMENT: I.H. 510 grain drill only with grass seeder; N.H. 310 ejector baler; N.H. 479 haybine; Case 3 pt. 11 tooth chisel plow; John Bean 500 gal. boom sprayer; Hardee 300 gal. wooden tank sprayer; I.H. 2000 gal. hydraulic front end loader; I.H. 4-16 trip bottom, semi-mt. plow; McConnell 4 bottom clod buster; I.H. 2-row cultivator; McKee 520 3 pt. snowblower; Graham plow; Dahlman stone picker; I.H. 10 ft. offset disk; I.H. 12 ft. transport disk; Brillion 12 ft. cultimulcher; Buch Hog 6 ft. rotary mower; Year-A-Round tractor cab; 10 I.H. front suite Case weights; 20 ft. Fruehauf van body.

SPECIALIZED POTATO EQUIPMENT: Lockwood mark air p.t.o. harvester with I.H. UB-240 gas power unit; Haines potato windrower; J.D. 30 level bed digger with cross conveyor unit; Oliver 2-row planter with liquid fertilizer tank; Diltz Wetzel seed cutter with Haines oversize head; 2 Singer bin loaders with 35 and 30 ft. booms; Haines 20 ft. bulk body; Dahlman 20 ft. bulk body; Dahlman 16 ft. bulk body; 2 Dahlman and 1 Haines 14 ft. bulk bodies; 2 Haines conventional rear seed unloading units; 2 older John Bean p.t.o. harvesters (1 for parts); older Dahlman windrower; Maine style 2-row cultivator; I.H. 4-row 2 pt. tool bar; I.H. 2 pt. 2-row tool bar and a bolt on tool bar; Haines 16 ft. belt conveyor; Haines 10 ft. dirt eliminator draper chain conveyor.

Something for every kind of farmer! Inspection invited after August 6 or sooner by appointment.

TERMS: Cash or good check day of auction. Proper I.D. required. Lunch available.

Owned by
STANLEY "TEX" MacDOUGAL
607-522-4650

Auction conducted by
PIRRUNG AUCTIONEERS, INC.
Wayland, New York 716-728-2520

Adams picnic set Monday

GETTYSBURG — Annual picnic plans for Adams County Farmers' Association families are complete, according to a report from the picnic chairman, Atlee Keefer at the board of directors' July meeting.

The picnic will be held at the South Mountain Fair Ground, Arendtsville, at 7 p.m., Monday. Every A.C.F.A. family is requested to bring their covered dishes and place setting. Meat, rolls and beverage will be provided.

Slides, youth conference reports and a different type of entertainment make up the evening's activities.

A young couples' conference will be held Aug. 2 and 3 at State College. A.C.F.A. President, Dale King should be contacted immediately if any are interested.

A reception will begin at 6 p.m. with dinner at 6:45 p.m. Since many people from surrounding counties and throughout the state will be attending reservations should be sent soon to Daniel Winters, 444 Oxford Avenue, Hanover, PA. 17331. Dinner tickets are $12.50 each.

CONSIGNMENT SALE
for Lawn & Garden Equipment

Monday, Sept. 10, 1984
4 P.M.

LOOK AROUND - TURN YOUR EQUIPMENT INTO CASH

Consign Now!

AT

FARMERSVILLE EQUIPMENT INC.

RD 4, East Farmersville Rd., Ephrata, PA 17522
Located in The Village of Farmersville
Lancaster County
717-354-4271

Auction Conducted By:
Paul E. Martin, AU-001601-L (717) 733-3305
John D. Stauffer, AU-001509-L (717) 665-5099

Dealer Consignments Welcome

PUBLIC SALE
OF COUNTRY REAL ESTATE
Farm, Garden & Butcher Equip.
Household & Antiques
SATURDAY, AUGUST 4, 1984
9:30 A.M.

Located 2½ mi. North of Mifflinburg, Pa., on road leading to Forest Hill. Watch for signs.

REAL ESTATE SELLING - 2:00 P.M.

8.96 acres with approx. 7½ acres tillable. 2 story frame dwelling, 3 bedrooms, bath, living room, large semi-modern kitchen with dining area, sunporch, full basement, on lot septic, drilled well, coal/stoker hot water furnace, fully insulated, storm windows, covered with asphalt brick siding.

Combination garage/workshop, chicken & brooder houses, smoke house and several other out buildings.

This home is an ideal country setting with large mature lawn trees. Must see to appreciate.

FOR INSPECTION - Ph. 717-966-2856.

TERMS OF REAL ESTATE - 20% down at time of sale, balance in 30 days, other terms at sale.

HOUSEHOLD ITEMS & ANTIQUES

Kenmore, 36" elec. range; G.E. refrigerator; Citation, 15.3 cu. ft. chest freezer; Frigidaire refrigerator; living room sofa; upholstered chair; vinyl recliner; 2 dressers; wooden & metal beds; mattresses & springs; lg. metal decorative book shelves, 72" wide by 74" high; lg. plate glass wall mirror; set of china dishes, floral pat., service for 12; throw rugs; metal & wooden lawn chairs; kitchen cabinet w/flour bin, painted white; pedestal stand w/drawer & claw feet; wooden table; oak, treadle sewing machine; Coronet mantle clock w/carved decor; lg. deep frame with "birth and baptism certificate - January 6, 1856; crutches; washboard; tin lunch bucket; bone handled, tableware, 2 sets - service for 6; 20 gal. crock and other crocks; steelyards; spoke shave; draw knife; other items.

BUTCHER EQUIPMENT & TOOLS

2 barrel butcher furnace for hanging kettle; wooden scalding trough; meat grinder; sausage stuffer; stirers; poles; benches; meat saws; lard cans; stainless steel dishpans with handles; sm. table saw; 7¼ in. elec. saws, Skill & B&D; B&D ½ in. elec. drill; sev. ¼ in. elec. drills; B&D 2 speed jig saw; Shopcraft, elec. sander; Wizard elec. bench grinder; elec. sodering iron; 4000 lb. floor jack; air compresser, homemade; craftsman, pipe threaders; pipe clamps; pipe vice; Craftsman, ½ in. socket set; come-along; block & tackle; bench vices; wheel pullers; 2 ft. level; Ace Super set, tap & die; elec. motors; valve lifter; box end wrenches; 100 ft. sewer tape; 135 ft. heavy duty ext. cords; portable, flourescent light; asst. of nuts & bolts; the usual tools found in a handyman's workshop.

FARM, LAWN & GARDEN EQUIPMENT

Tractor, Farmall BN Culti-Vision; 2 row cultivators and 2 way plow for BN; IHC mower, 7 ft. cut, PTO; 6 ft. disc; Oliver, 2 bottom trail plows; 2 trailers, 1/homemade; saw buck, steel frame, 28" blade; hand corn sheller; Lavon Chief, 8 hp. riding lawn mower w/32" cut, new; David Bradley garden tractor, 6 hp. w/disc, culti-packer & plow; Paramount blower for leaves, floor & etc.; Ohio, dump trailer for garden tractor, new; trailer for garden tractor, homemade; 2 wheel cart; wheel barrow; Hudson, garden sprayer; scythe; apple picker; potato crates.

TERMS OF PERSONAL ITEMS
CASH OR GOOD CHECK **LUNCH STAND**

ORDER OF SALE - Starting with small misc. household items and antiques, followed by tools. Farm, lawn, garden & butcher equipment 12:00 NOON Real Estate - 2:00 p.m.

SALE HELD IN TENT - Bring your own chairs
Not responsible for accidents

FRANK P. & MARY A. CROMLEY, Owners
Long's Auctioneering
Ph. 527-2405 or 2364 License #AU-001702-L

PUBLIC SALE
FRI. EVE., AUGUST 3, 1984
6:00 P.M.

Located ½ mile southwest of Mattie, 8 miles south of Everett off Rt. 26, follow signs, Bedford Co. At the Walter Carlin Farm.

Farm Machinery including a White 285 tractor, 1650 hours excellent; JD 630 tractor; IH 990 haybine; IH 550 manure spreader; 3 bale wagons, heavy duty gear; 3 Kilbros 350 grain wagons heavy duty; IH 316 trailer plow; JD 11' transport disk harrow; IH 9' chisel plow; IH 15' transport harrow; Brillion 9' cultipacker; Gehl grain grinder mixer; JD 13 hoe disk grain drill; Dan Hauser post hill drill; Shaver post driver; JD side mounted 7' mower with irons for use on JD 430 tractor; Smoker 21' elevator; 300 gallon field sprayer and trailer; Gehl 600 field harvester with corn head and grass pick up head; Dion ensilage blower N-14 with short hopper; Dion Forage wagon 2 beaters; Pequea hay tedder; Farm Fan AV-8V batch grain dryer 110 bushel; 16' Mayrath 6" grain auger with motor; 21' Mayrath 6" grain auger; 41' Mayrath 6" grain auger with transport wheels; a few small items only.

TERMS- Cash, approved check or letter of bank credit.

WALTER CARLIN, owner
RD 3, Box 326
Everett, PA
814-784-3189
Claycomb and Mishler,
Auctioneers
AU-00155-L AU-000624-L

Public Auction Register

Closing Date - Monday, 5 00 P M
of each week's publication

JULY

SAT JULY 28 9 AM Public Auction of 20 Bucket Trucks, Line Equipment & Several Vehicles Located in Jackson, Michigan at 2917 Wildwood Ave The Consumers Power Co, Owners Vilsmeier Auction Co, Inc, Auctioneers

SAT JULY 28 10 AM Public Auction of Antiques, Light Farm Equipment & Tools Located at 733 N Pottstown Pike, Rt 100 between Lionville and Exton L R Messner, Owner R.W & J T Rhoades, Auctioneers

SAT JULY 28 9 AM Public Auction of Real Estate, Antiques and Collectibles Also Household Items Located at 89 E Main St, Elizabethville, PA Vivian M Minnich Estate Edward A Minnich & Mary Alice Bonawitz, Co-Executors Dockey, Dockey & Deppen, Auctioneers

SAT JULY 28 11 AM Public Auction of Antiques and Furnishings Located at the St Dennis Center, Rt 213 Galena, MD Mrs Roberta Segar, Owner Harry Rudnick and Sons, Inc, Auctioneers

SAT JULY 28 Public Auction of 30 Head of Registered Holsteins Located at the State Fairgrounds in Harrington, Delaware Remsburg Sale Service Auctioneers

SAT JULY 28 9 AM Public Auction of 17 Bucket Trucks, Line Equipment & Several Vehicles Located at 2917 Wildwood Ave in west Jackson, Jackson, Michigan Consumers Power of Michigan, Owners Vilsmeier Auction Co, Inc, Auctioneers

SAT JULY 28 11 AM Public Auction Hose Sale Located at Keister's Middleburg Auction Sales, Inc, Rt 522, 3 miles east of Middleburg, PA, 5 miles west of Selinsgrove, PA Don & Walt Keister, Owners Ray Long & Dave Imes, Auctioneers

SAT JULY 28 9 AM Public Auction of Shop Tools, Welding Equipment and Trucks Located at Business Rt 30 and 12th Ave in rear, Coatesville, PA Terms by Marian Phillips Hornings Farm Agency, Inc, Auctioneers

MON JULY 30 10 AM Public Bankruptcy Auction of valuable real estate Located in West Fallowfield Township, Chester Co, PA One and two tenths miles from crossroads of Rts 10 and 41 at Cochranville, PA Take Homeville Road in Cochranville one and one tenths miles to farm on right Frank Mariani and Sandra Mariani, Owners E M Murry Associates, Auctioneers

MON JULY 30 11 AM Public Auction of Tractors, & Farm Machinery Located at Rt 2, Hummelstown, Dauphin Co, PA From north side of Hershey, turn off Rt 743 onto Sandbeach Rd and continue north Turn right onto Level Rd to first farm Franklin Wagner Jr Farm Farmers Home Administration, Mike Orendo, Owners Harry H Bachman, Auctioneer

PUBLIC AUCTION

New Holland Sales Stables, Inc.
New Holland, Pa.

Tractors & Horse Drawn Farm Equipment-Supplies-Small Items

FRIDAY, AUGUST 10, 1984

SALE OF SMALL ITEMS 9:00 A.M. **FARM EQUIPMENT 10:00 A.M.**

David Brown 990 Diesel Tractor
Allis Chalmers G Tractor w/Cultivators
Brady flail chopper w/65 H.P. Wisc. Engine
NH #8 Forage Wagon
NI 323 Corn Picker used 50 acres, like new
NH 273 Baler baked 3500 bales
IH PTO corn binder
Pequea 20' new feed wagon
Steel wheeled flat bed wagon with sides
Pequea 9' PTO Tedder
Allis Chalmers CA manure loader
Smoker Elevator
NH 402 Crimper
Papec 19" Silo Filler
Gehl C40 Silo Filler
(2) 5½' Bunk Feeders
(6) 150 gallon water tanks
(4) Infra-Red Brooders
(2) Impaxe Wood Splitters
Fully furnished Boyertown piggy-back camper, sleeps two
30" cord wood saw
16KW Generator
New Bulk Feed Bin
(2) used Dutchcraft feed carts
Pull type road grader w/steel wheels

New customers and out of state buyers must have current bank letter of credit with guaranteed amount or cashier checks

Abe Diffenbach, Manager
For more information contact Abe Diffenbach or Norman Kolb at 717-354-4341

Next FARM EQUIPMENT SALE FRIDAY, November 9th, 1984

Public Auction Register

Closing Date Monday 5 00 P M
of each week s publication

MON JULY 30 12 30 PM Public Auction of Modern Farm Machinery Located between Lititz and Manheim along Temperance Hill Rd From Lanc take Rt 501 north to Lititz In Lititz, take Rt 772 west 2 miles to farm on left Lanc Co PA Joseph M Cassel, Owner Paul E Martin & John D Stauffer, Auctioneer

MON JULY 30 4 PM Public Auction of Large Collection of Antiques and Collectibles Located at the Brickerville Fire Hall along Hopeland Rd just off Rt 322 at Brickerville (between Ephrata and Hershey) Lancaster Co , PA Joseph F Grillo Estate T Glenn & Timothy G Horst, Auc tioneers

TUES JULY 31 7 30 PM Public Auction of complete dairy herd Located from Frederick take Rt 15 north approx 7 miles to Bartgis Road on left From Thurmont take Rt 15 South approx 8 miles to Bartgis Road on right Follow sale signs John D and Dorothy Gartreel, Sellers Trout Auctioneers, Inc , Auctioneers

AUG

WED AUG 1 10 AM Public Auction of Line Equipment Trailers Line Tools Etc Located at Fischbach & Moore s facility at 11367 Deerfield Rd Blue Ash Ohio Vilsmeier Auction Co Inc Auctioneers

THURS AUG 2 Monthly Cow Sale at Mel Kolb, Inc Lancaster Farm, 2220 Dairy Road Lancaster PA

THURS AUG 2 - 9 AM Public Auction of Steam Engines, Marine Gas Engines, Antique Farm Machinery, Six Peerless Saw Mills and Steam Equipment Accessories Located in Centreville, MD Robert & Miriam Dean, Owners Col Ross Rhodes, Auctioneer

THURS AUG 2 9 AM Public Auction of the Robert Dean Collection of Forklifts, Steam Engines, Tractors, Gas Engines, Marine Engines & Saw Mills Located 25 miles east of Chesapeake Bay Bridge on 301 until 304 Turn right at truck stop Then go 3 miles to Greenville Rd then turn right 3 miles Miriam B Dean, Owner Merv E Hilpipre Auction Co , Auctioneers

THURS AUG 2 - 11 AM Public Auction of the Mat-Mar Farm Dispersal Selling 130 Registered Holsteins Located in Leesport, PA Leesport is on Rt 61 just north of Reading PA and south of Hamburg Turn west at light in Leesport and go 1¼ miles to farm Mat Mar Farms, Inc Thomas Degler Owners Backus Assoc Inc Auctioneers

FRI AUG 3 5 AM Public Auction of Farm Equipment Pick up Sheep Tools Lumber Butchering Equipment, Etc , Straw and Hay Located 5 miles west of York on Rt 30 thence turning north 3 miles on Biesecker Mill Rd , crossing Rt 234 to Emigs School Rd thence East ½ mile to sale in York Co , PA Harry T Rudisill, Owner Clair R Slaybaugh, Auctioneer

FRI AUGUST 3 5 30 PM Gap Auction Antiques and Household Goods sold at every auction Located off Rt 41 Lancaster Turkey Hill Minit Market cross RR bridge Ira Stoltzfus & Son Auctioneers

FRI AUG 3 6 30 PM Public Auction of the Aulworth Farms 1st Annual Heifer Sale Selling approx 60 head of Bred Holstein Heifers A few are registered Located on Rt 45, 3 miles east of Pine Grove Mills, 3 miles west of Boalsburg, PA Art Kling and Ron Gilligan, Auctioneers

FRI AUG 3 10 AM Public Auction of a Dairy Herd Dispersal Sale Selling 160 Head of Holstein Cows and Springing Heifers & Farm Equipment Located in Holtwood, PA From Rt 272 10 miles south of Lancaster at the bottom of the "Buck Hill" Go west on Rt 372, 4 miles to Muddy Run Park Turn left into Muddy Run Park, 1st farm on right Jacob R Groff, Owner Hunter's Sale Barn, Inc Norman E Hunter & Parkes T Williams, Auctioneers

FRI AUG 3 7 30 PM Public Auction of 50 Head of Purebred & Grade Animals Located 1½ miles west of Grantsville MD just off US Rt 40 on the Amish Rd Philip Bender Owner Robert Custer & Clark A Yoder, Auctioneers

SAT AUG 4 Public Auction of Antiques, Guns, Collectibles Currency and Personal Property Located at 66 Prospect Rd , Elizabethtown, PA Brinser B Heistand Owner Long & Wolgemuth, Auctioneers

SAT AUG 4 Consignment Auction of new and used farm tractors and machinery at Goodrich Auction Service, Inc Rte 38 and 38B Newark Valley NY

SAT AUG 4 9 AM Public Auction of Valuable Antiques over 50 Wall and Mantle Clocks Guns, Model Steam Engines and Whistles, 1931 Model A Ford w/slant window, and Outstanding Selection of Tools and Equipment Located at the Fawn Grove Community Hall Bldg in Fawn Grove, Southern York Co , PA Harold Clemens, Estate Arthur C Rutledge, Personal Representative Charles W Shrodes & David W Shrodes, Auctioneers

SAT AUG 4 Public Auction of Union Co , PA Country Real Estate Located 2½ miles north of Mifflinburg, PA on road leading to Forest Hill Long s Auctioneering Service

SAT AUG 4 10 AM Public Auction of Valuable 8 3 Acre Farmette, Construction Equipment Antique Trucks & Car Horses & Tack, Household Goods Located Rt 472 south of Quarryville 6 miles to Maple Shade Rd Turn east 1 mile or from Oxford, go north 6 miles on Rt 472 to Maple Shade Rd Turn east 1 mile Colerain Twp Nelson H Rader, Owner Lloyd Kreider, Randal Kline, Roy Good & Gary Shirk, Auctioneers

PUBLIC AUCTION

ANTIQUES, HOUSEHOLD GOODS, MISC. ITEMS

FRIDAY, AUGUST 17, 1984

10:00 A.M.

Located Rt. 222, 4 miles South of Lancaster, turn East on Rt. 741 to Gun Museum, turn left on Edisonville Rd., 1 mile, or from Strasburg Pike turn West on Edisonville Rd. ½ mile.

Watch for full Ad.

TERMS BY
JACOB A. KING

AUCTIONEERS CONDUCTING SALE:
LLOYD KREIDER, AU000513L;
RANDAL KLINE, ROY GOOD, GARY SHIRK

OUTSTANDING PUBLIC AUCTION

Antiques, 16 pcs. of Stahl Pottery, Oriental rugs, old 12 pane corner cupboard, South Bend Metal Lathe 10" swing 4½' bed, quilts, coverlet by Fritzinger Allentown, PA, twin coach irrigation 500 G P M trailer mounted pump w/6 cyl. Chrysler engine etc.

SATURDAY, AUGUST 4, 1984

Sale Time 9 AM

Furniture sells first

Indoors at the Carnival Grounds just off Rt. 73 bet. Rdg. & Boyertown in Oley, Berks Co., PA.

Very old slant top desk dovetailed top, Victorian love seat, arm chair, blanket chests, cedar & other closets, rope bed, BRS, LRS, 6 decorated arrowback chairs & rocker, Kenmore 800 washer, rugs incl. 5'4"x1'10" & 4'2"x2'11" made in Iran, Indian oval wool rug, 2 6' runners, 2 3 & 5' runners, 1 9x12 Camistan, Wilton bird of paradise 11'3"x15', old baskets, silver set, crocks & jugs, lots of arrowheads, wringer washer, Gold engraved watch, 6' oak cupola, butter churn, grindstone, old Kendall oil can, old tools, 1940 O gauge no 149 W train set "mind condition", 22 dolls incl. Effanbee-Mattel-plated maulds-Horseman-27" Roberta-Uneeda etc. 40 steel doors various sizes, 6 drawer spool cabinet, 11x14 hand crocheted rug, Christmas yard, side by side refrigerator & many more fine articles. Note Oriental rugs CASH ONLY.

Terms CASH or guaranteed funds.

Refreshments

David S. Allgyer Auct.
#AU-000009-L
R.D. #2, Oley, PA
Shirley I. Moyer, App.

PUBLIC AUCTION

SATURDAY, AUGUST 4

At 10:30 A.M.

Consignment Auction of New & Used Farm & Industrial Equipment to be held in our yard on the corners of Rt. 38 & 38B, Newark Valley, NY. (6 miles, north of Owego, NY; 20 minutes west of Binghamton).

Large Selection of Tractors - 10 HP to 150 HP, Some with loaders, forklifts, etc.
Plus cornpickers, wagons, balers, mowers, large selection of new & used 3 pt. equipment.
Call or write Auction company for listing consignments welcome.

Sale By: Goodrich Auction Service, Inc.
Rt. 38 & 38B
Newark Valley, NY 13811
(607) 642-8688

GOODRICH AUCTION SERVICE

AUCTION SALE

SATURDAY, AUGUST 4

12 Noon sharp

LOCATION: Having lost barn by fire Sale will be held from Merel Kennedy Farm, located on Rt. 371, 3 miles East of Pleasant Mount, from Honesdale turn off Rt. 191 at Rileyville corners on Rt. 371 direct to sale.

59 HEAD OF CATTLE
FULL LINE OF FARM MACHINERY:

Herd consists of 36 Cows, 15 heifers, 8 started calves.
Cows all TB & Blood tested within 30 days, health charts day of sale.
Several cows fresh, 7 due Aug. Sept. Oct. Balance early winter.
Several heifers bred for fall freshening, balance of breeding age this fall, started calves are 6 months or older. A good working herd ready to make a lot of milk at a profit.
Farm machinery: John Deere model 2840 Diesel tractor full power, JD model 148 loader, IHC 656 Diesel tractor Hydro fast hitch, Farmall Super C tractor. Little Giant 50 ft. hay elevator, Hesston 1090 haybine, John Deere 5 bar side rake, Fahr hay tedder, 4 good rubber tired wagons with good hay racks, Case 4 bottom automatic semi mounted plows, 3 pt. hitch 2 row cultivators, A.C. 10 ft. transport disc, J.D. 494 model 4 row corn planter, 2 good self unloading forage wagons, M.F. model 124 hay baler with bale thrower, Starline barrel type manure spreader, New Idea 3 pt. fertilizer spreader, IHC 3 bottom fast hitch trip beam plows, Bearcat model 950 feed grinder/mixer, Universal milker pomp, 4 Surge milker units, Wetco dumping station, 30 gal. gas water heater, gas space heater, some other small items.
Terms: Cash

MAYNARD & BETTY DOUGLAS
RD 1
Pleasant Mount, Pa.
Jack Bunnell: Auctioneer

PUBLIC SALE

Having sold the farm, and decided to move the undersigned will sell the following at Public Sale on

SAT., AUGUST 4, 1984 9:30 Sharp

Located in Snyder County, at the residence of Amos W. Eicher, 1/4 mile west of Meiserville, just off Route 104, across Bridge from Meiser's Mill. Follow direction signs.

HORSE DRAWN MACHINERY

I.H. C DVT 573 V-8, 310 h.p.; diesel engine power with electric start, P.T.O., V-pulley, new clutch, new injectors; Bear Cat 1 ton portable grinder-mixer with chain fed 16" mill; Oliver double action hay loader, good cond.; N.H. side delivery rake; I.H.C. No. 9, 5' mower, nice; Mc 2 horse cult.; Mc 10 single disc grain drill; 2-I.H. corn planters; I.H.C. 6' grain binder, I.H.C. corn binder; Papec hay chopper silo filler; N.I. manure spreader; I.H.C. manure spreader; N.H. portable corn sheller with elevator, flat pulley, belt driven; old dump rake; N.I. hay wagon; steel wheeled wagon; I.H.C. 5' tandem disc; 2-Oliver 40 walking plows; J.D. hillside 2 way plow; 2 section harrow; single horse, spike tooth harrow; 5 shovel culti.; one horse sleigh; one horse wagon shafts; sleigh shafts; spring wagon shafts; buggy shafts and tongues; new and used double trees and yokes.

FARM RELATED ITEMS

Whiteman power cement trowel with Briggs-Stratton engine; radial arm saw; platform scales; leg chains; cow chains; hand sharpener; hand tools; garden tools; twin cyl. air compressor; Tecumseh 8 h.p. engine; 2 steel wheeled wheelbarrows; garden cart; dog houses; Echo 315 chain saw; Wards 2.1 cu. in. chain saw; Sears table saw; chunk stove; Dandy stove; 55 gal. drums; salamander; Pride of Farm 25 bu.; 8 hole round cast bottom self feeder, used one season; creep feeder; 4 hole self feeder; enclosed supply tank with lid and valve; metal hen nest; 2 rolls ½" cable; used roofing; horse saddle; pony saddle; 1 roll yard fence; highline poles; snow fence; many items too numerous to mention.

LIVESTOCK

DRAFT HORSES

5 yr. old reg. Belgian stallion with papers, white mane and tail, works anywhere, sires nice colts; 8 yr. old Belgian mare, big; team 5&6 yr. old sorrel mares with Belgian horse colt by 5 yr. old's side: team 2 yr. old blonde Belgian geldings, white mane and tail, green broke, nice young team; 1 and 2 yr. old red sorrel geldings, green broke; 1 yearling blonde Belgian mare, white mane and tail.

DRIVING HORSES

8 yr. old registered standardbred double gaited mare with papers and all purpose Belgian horse colt by side, traffic safe and safe for women; 1 yearling sorrel standardbred mare (last year's colt from above mare); 6 yr. old reg. standardbred double gaited bay mare; all horses well mannered, broke to work anywhere and sold with Coggins papars.

DAIRY CATTLE

2-second calf Holstein cows, fresh 8-10 wks., milking approx. 50 lbs. daily; 1-white face cow; 1-800 lbs. Angus-Holstein cross bull; 4-600 lbs. Holstein heifers, selling open; 1-600 lbs. white face heifer. All cattle selling with health charts.

GOATS

4 Nubian cross milking goats; 1 young reg. Nubian nanny; 1 young half Nubian nanny.

HAY

Approx. 14 ton alfalfa mixed, first cutting, approx. 4 ton mixed first cutting; approx. 2 ton mulch hay.

GUNS

Win. 94, 30-30 cal.; Marlin 93, 30-30 cal. with smokeless steel barrel; Western Field M72 30-30 cal.; Win. 190 auto. 22 cal.

ANTIQUES AND HOUSEHOLD ITEMS

5 legged oak extension table with 6 boards; library table; 2-Hoosier type kitchen cabinets; 2 Gilbert 8 day clocks; wall clock; black Columbian cook stove; lg. oak wardrobe; chest of drawers; New Home sewing machine; 2-Singer sewing machines; Royal typewriter; wash tubs; baby bassinette; 2 metal cabinets; s.s. double sink; Maytag washing machine; metal top table; honey extractor with V-pulley and crank; old 180 egg kerosene egg incubator; standard miter saw pat. Aug. 29, 1889; other items too numerous to mention.

ORDER OF SALE: Household and Antiques at 9:30 A.M.; Farm Related Items, 10:00 A.M.; Horse Drawn Machinery 12:00 Noon; Hay, Guns and Livestock, 2:00 P.M.
TERMS: CASH
NOT RESPONSIBLE FOR ACCIDENTS

Owner,
AMOS W. EICHER

Lyters, Clerks
Bryan D. Imes, Auctioneer
717-527-2449
AU-001656-L

LUNCH

SPECIAL COMBINE

ABSOLUTE AUCTION

FRI., AUGUST 31, 1984 9:30 A.M.

Lumberton, N.C. 4 mi. S of I-95 on Highway 211.

OWNER: **NEW HOLLAND CREDIT CORP.**

and others

COMBINES will sell at 11:00 sharp

COMBINES are late model and low hour

(Your are welcome to check them before sale date.)

NH 4 TR 85 s 2 TR 75 s 6 TR 70 s NH 1400 Gleaner FK 2 F2 M2 M K E 2 JD 6600 3300 MF 550 510 300 s IH 715 815 80 PT Oliver 525 Case 660 258 Farm Tractors 1978 Timberjack 1500 Loader 5 Trucks 150 items of farm equipment D 5 Cat Dozer

NOTE We will have identified consignments combines trucks and equipment at this sale

TERMS CASHIER'S CHECK OR LETTER FROM BANKER

ALL ITEMS SOLD AS IS DAY OF SALE

NO WARRANTY Neither New Holland or Meekins Auction Co offers any warranties, express, statutory or implied, including any implied warranty of merchantability All goods are used, second-hand and are sold as is, where is

FOR MORE INFORMATION CONTACT

MEEKINS AUCTION CO.

Route 5, Box 785M, Lumberton, N.C. 28358

(919-739-0547) NCLN 858

PUBLIC AUCTION

TRACTORS — FARM MACHINERY

MONDAY, JULY 30, 1984

11:00

Auction to be conducted on the premises located at Route 2, Hummelstown, Dauphin County, Penna. on the Franklin Wagner Jr. farm. From the north side of Hershey turn off Route 743 onto Sandbeach Road and continue north and turn right onto Level Road to first farm.

CASE 1410 WIDE FRONT DIESEL with 18.4x34 rear rubber - 890 hours

AC D15 SERIES II gas wide front tractor with 1820 hours

JD 7000 Conservation 4 row corn planter with liquid fertilizer; JD 35 harvestor with 2 row corn head; JD pickup head; JD 1209 mower conditioner; Brillion 22 tooth field cultivator with Buster Bar; Ford 3-14" plow; NH 362 LH tank spreader; Dunham cultipacker; Pittsburgh 32 disc transport harrow; New Idea 5 tooth chisel plow; hay wagon and Massey Harris Super 26 self propelled combine (needs work).

BE PROMPT - NO SMALL ITEMS

Conditions by

FARMERS HOME ADMINISTRATION

Mike Orendo 717-274-2879

Harry H. Bachman - Auctioneer

717-867-1809 Lic. AU000033-L

TERMS: CASH - Checks by approval of FHA or auctioneer - Be Sure - Bring bank letter of credit.

PUBLIC BANKRUPTCY AUCTION

VALUABLE REAL ESTATE

33 ACRES M/L

MONDAY, JULY 30, 1984

10:00 A.M.

Located in West Fallowfield Township, Chester Co. Pa. One and two tenths miles from crossroad of Rts. 10 and 41 at Cochranville, Pa. take Homeville Road in Cochranville one and one tenth miles to farm on right.

Real Estate consists of 33 acres M/L thereon erected a nice field stone home with 5 bedrooms and bath. Modern kitchen and dining area overlooking spring fed man made lake, app. 1½ acres in lake, master bedroom has a fireplace, large family room, dining room with fireplace, various closets, also partially finished extra family room, laundry, nice long country lane semi secluded. You will fall in love with this country acreage and dwelling. Will be offered free and clear of all liens and encumberences.

Auction by order of

FREDERICK L. REIGLE ESQ. TRUSTEE IN BANKRUPTCY RE: FRANK MARIANI AND SANDRA MARIANI

case# 84-01502

E. M. Murry Associates

287 Lime Rock Road

Lititz, PA 17543

Elmer Murry 626 5244 626 2636

Richard Murry 626 8175 949 2280

Ken Miller 665 2073

Professional Auctioneers

Appraisers and Advisors

Since 1953

cert. #AU648L

Public Auction Register

Closing Date Monday 5 00 P M of each week s publication

SAT AUG 4 - 9 30 AM Public Auction of Line Equipment, Trucks, Chippers, Etc Located adjacent to Niagara Mohawk Power Corp 's garage on Success Dr , Rome, NY Vilsmeier Auction Co , Inc , Auctioneers

SAT AUG 4 11 AM Public Auction of 2 Absolute Auctions, 94 Acre Farm K/A "The Ralph Hugo Homestead" & a 73 Acre Tract at 1 PM Located on Highway 56018, 1 mile east of Hugo Corner, 4 3 miles north of Rt 154, Estella, PA , Elkland Twp , Sullivan Co PA Sanford Alderfer, Inc , Auctioneers

SAT AUG 4 Public Auction of Horse Drawn Farm Machinery, Farm Related Items, Livestock, Hay, Guns, Antiques and Household Items Located in Snyder Co , ¼ mile west of Meiserville, Amos W Eicher, Owner Brian B Imes, Auctioneer

SAT AUG 4 10 30 AM Public Consignment Auction Located at the yard of Goodrich Auction Service, Rt 38 & 38B, Newark Valley, NY Goodrich Auction Service Inc , Auctioneers

SAT AUG 4 9 30 PM Public Auction of Farm Machinery, Grain Tanks & Dryers, Tools, Lumber and some Antiques Also selling 25 Acres at 12 Noon Located approx 5 to 6 miles south of Purcellville, VA on Rt 611 Take Rt 690 south at the 7 11 store at the corner of Rt 7 and Rt 690 Go about 5 miles to Rt 730, turn left about 2 blocks then turn left on Rt 611 Go about ½ mile to farm on right Clarence J Myers, Owners Trout Auctioneers Inc

SAT AUG 4 1 PM Summer Simmental Sale 60 Simmental Selling Located at the Shady Lane Sale Facilities ½ mile west of Quarryville on Rt 372, then left on Oak Bottom Road Quarryville PA Sale Coordinator Wayne Stough Sale Manager Stough Livestock Services

SAT AUG 4 11 AM Public Auction Benefit for the American Indians Selling Antiques and Collectibles Located in the Boro Park of New Cumberland, PA near Front and Bridge Sts Joe Bender Auctioneer

SAT AUG 4 9 30 AM Public Auction of Horse Drawn Machinery, Farm Related Items, Livestock Draft Horses, Driving Horses, Dairy Cattle, Goats, Hay, Guns, Antiques and Household Items Located in Snyder Co ¼ mile west of Meiserville, just off Rt 104, across Bridge from Meiser's Mill Amos W Eicher, Owner Bryan D Imes, Auctioneer

SAT AUG 4 9 AM Public Auction of Antiques, 16 pcs of Stahl Pottery, Oriental Rugs, Old 12 Pane Corner Cupboard, South Bend Metal Lathe 10" swing 4½' bed, Quilts, Coverlet by Fritzinger, Twin Coach irrigation 500 GPM Trailer Mounted Pump w/6 cyl Chrysler engine, etc Located indoors at the Carnival grounds just off Rt 73 between Reading and Boyertown in Oley, Berks Co , PA David S Allgyer, Auctioneer

SAT AUG 4 12 Noon Public Auction of 59 Head of Cattle & a Full Line of Farm Machinery Located at the Merel Kennedy Farm, on Rt 371, 3 miles east of Pleasant Mount, from Honesdale turn off Rt 191 at Rileyville corners on Rt 371 direct to sale Maynard & Betty Douglas Owners Jack Bunnell Auctioneer

TUES AUG 7 11 AM Public Auction of a Complete Dispersal Sale of 110 Registered Holsteins Located in Watsontown PA Sale being held at the farm just north of Danville exit of I 80 From Danville follow Rt 54 north of Washingtonville Turn left on Ottawa Rd Turn right at 2nd road to 1st farm Earl Harris, Owner Backus Assoc Inc Auctioneers

WED AUG 8 - 7 PM Public Auction of Real Estate Located in Powells Valley, R D 2, Halifax, Dauphin Co , Approx 2 miles east of Matamoras, off Rt 225 on Matamoras Rd OR approx 20 miles northeast of Harrisburg on Rt 225 Harvey G Jury Estate Russell Jury, Executor Edwin Shoop & David Deibler, Auctioneers

THURS AUG 9 - Public Auction of Complete Purebred Dispersal for Cedarcrest-Vu (Don Eastburn Family) to be held at Mel Kolb, Inc 2220 Dairy Road West of Lancaster on Dairy Road, Take Rt 283 west of Lancaster, exit beyond ABC Stud Barns at Flory Mill Rd turn left after exiting, go to Mill, then sharp right under railroad bridge Barn is within sight of Rt 283

THURS AUG 9 6 PM Public Auction of Body Shop Equipment and Tools Located at 98 N Ronks Rd , Ronks PA , E Lampeter Twp at the rear of Lester Singer Spray Equip Ben Pickel, Owner Elvin Siegrist & Alvin Miller, Auctioneers

FRI AUG 10 9 A M Farm Machinery Sale at New Holland Sales Stables Inc 12 miles east of Lancaster off Rt 23 in New Holland Pa Abe Diffenbach Manager

FRI AUG 10 1 30 PM Public Auction of State Grade Consignor Feeder Pig Sale Located at the Carlisle Livestock Market Inc

FRI AUGUST 10 5 30 PM Gap Auction Antiques and Household Goods sold at every auction Located off Rt 41 Lancaster Turkey Hill Minit Market cross RR bridge Ira Stoltzfus & Son Auctioneers

PUBLIC SALE

BODY SHOP EQUIPMENT AND TOOLS

THURS. EVE. AUG. 9, 1984

6:00 P.M.

Located at 98 N. Ronks Rd., Ronks, Pa., E. Lampeter Twp., at the rear of Lester Singer Spray Equip.

SALE BY:

BEN PICKEL

Auctioneers — ELVIN SIEGRIST

ALVIN MILLER

Ronks, Pa. — 687-6857

AU—1723—L

GOOD'S AUCTION

111 N. Maple Ave. Leola Pa.

Hay and Straw Sales Every Wed.

At 12:00 Noon

FARM MACHINERY SALES

FIRST AND THIRD WED.

FEB. THRU OCT.

AT 9:00 A.M.

Loading Hours 8:00 a.m. To 6:00 p.m.

ALL KINDS OF BUILDING MATERIAL

At 11:00 A.M.

No Household Items

No Junk

No Out Of State Checks

Flea Market Stands Available

First and Third Wed.

At $3.00/$4.00

Goods Auction

111 N. Maple Ave.

Leola PA. 17540

ABSOLUTE AUCTION

VALUABLE COMMERCIAL PROPERTY

FRIDAY EVE. AUGUST 10, 1984

AT 6:00 P.M.

Located at 242 Falling Spring Road, Chambersburg, PA. OSLER PAINT STORE BLDG.

From I-81 Take Exit 6 (Rt. 30 East) to Falling Spring Road next to Elby's Turn South on Falling Spring Rd to Property on Right.

REAL ESTATE

2 Story Building Containing 4,800 Sq. Ft. on Two Floors. 1st Floor: Showroom, Offices, Warehouse. 2nd Floor: Storage, Warehouse Two Over Head Doors. 6Ft. Chain Link Fenced in Area with Storage Bldg. Plot of Ground is 113x219x94x211 with Visability on I-81 from Rear. Good Location near Route 30 and I-81. Property in very good condition, multi-purpose usage.

TERMS: ABSOLUTE, sold to the highest bidder regardless of price.

DEPOSIT of $5,000.00 by Cash, Cashier or Certified Check Payable to Kerry Pae Auctioneers at time of Auction. Balance in 30 Days at Settlement. Inspection by calling 717-236-3752.

ORDER BY:

U.S. BANKRUPTCY COURT CHAPTER 11 CASE 1-83-00528 DEBTOR IN POSSESSION

LIC. NO. AU1367

KERRY-PAE AUCTIONEERS

327 N. Front Street

Harrisburg PA 17101

(717) 236 3752

ESTATE AUCTION

VALUABLE ANTIQUES; OVER 50 WALL & MANTLE CLOCKS; GUNS; MODEL STEAM ENGINES & WHISTLES; 1931 MODEL A FORD w/SLANT WINDOW; & OUTSTANDING SELECTION OF TOOLS & EQUIPMENT

OF THE LATE HAROLD CLEMENS

SATURDAY, AUGUST 4, 1984

9:00 A.M.

To be offered for sale within the FAWN GROVE COMMUNITY HALL BLDG. in FAWN GROVE, SOUTHERN YORK COUNTY, PENNA. (signs posted).

ANTIQUES

Early Hondorus Mahogany tilt top tea table with birdcage, cabriole legs ending in snake feet; Set of 4 Walnut Victorian cane seat chairs w/birds eye maple inlay; Walnut slant top desk; Cherry open end stand; Ornate cherry stand; 3 fancy Oak cane seat chairs; Singer Oak treadle sewing machine; walnut cane seat chair; Boston type rocker; Ornate single bed; Round Oak pedestal ext. table w/leaf; Large Walnut wall clock by self winding clock co. Sessions large regulator wall clock; many steeple mantle clocks; Ornate Oak and Walnut mantle clocks; Marble type mantle clocks; Fancy Walnut 8 day mantle clock; Round brass & glass wall clocks; Sessions mantle clock; Lge. Ogee Mahogany case mantle clocks; Antique mantle clock cases; Large Banjo mantle clock; and many other clocks of all descriptions and misc. clock parts; also repair items; Mossberg 16 gauge bolt action single bbl. gun; Marlin 22 lever action rifle; Remington 22 target master rifle model 510; Marlin 22 bolt action rifle; Stevens 22 rifle with hexagon bbl.; American bayonett; antique glassware & collectibles.

MODEL STEAM ENGINES TOOLS & EQUIPMENT

4 model steam engines in excellent condition; 2 outstanding brass steam engine whistles; walking beam model steam engine; solid brass cylinder; model train engines and parts; Sears 7 H.P. tractor lawn mower; B & D elect rottary lawn mower; air compressor; Sanjo kerosene heater; dolly; Emory wheel on stand; McGraw buffer; McGraw impact wrench; B & D radial arm saw; McGraw dill press; McGraw jig saw; Portable table saw; B & D sander; B & D grinder; Rouder; Dormeyer skill saws & sabre saw; car ramps; work benches; heat gun; tool boxes; model maker & Jewelers lathe w/attachments and misc. tools; There are hundreds of tools & equipment not mentioned all in "like new condition."

AUTOMOBILE — TRUCK

1931 Model A Ford 4 Door slant window sedan needs restoration; 1976 Chev Custom 6 cyl. Custom deluxe #10 pick up with topper, standard transmission. And other items too numerous to mention.

Lunch served; All items sold as is; Not responsible for accidents. Auctioneers Lic. #AU-000845-L & AU-001177-L.

TERMS: CASH

ARTHUR C. RUTLEDGE

Personnal Representative

AUCTIONEERS: Charles W. Shrodes

David W. Shrodes

Ph. (301) 692-5667

996-2424

Public Auction Register

Closing Date Monday 5 00 P M
of each week s publication

FRI AUG 10 4 PM Public Auction of Farm Equipment and Misc Items Located approx 7 miles north of Phillipsburg, NJ Turn off Rt 519 in the Village of Roxberg, across from the Hotel onto Roxberg Rd, to top of hill Keep right approx 8 mile to farm Foster & Dorothy Myers, Owners Ralph W Zet tlemoyer Auction Co , Inc

FRI AUG 10 6 PM Public Auction of a Valuable Commercial Property Located at 242 Falling Spring Rd , Chambersburg, PA Osler Paint Store Bldg From I 81 take exit (Rt 30 east) to Falling Spring Rd next to Elby's Turn south on Falling Spring Rd to property on right US Bankruptcy Court Owners Kerry Pae, Auctioneers

SAT AUG 11 12 30 PM Herd Dispersal of 55 Head located 2 miles northeast of Bernville off Shartlesville Road, east on Irish Creek Road, 1 mile to first farm on left, 4 miles south of Shartlesville, 4 miles west of Centerport, Berks Co Wilbur and Pauline Hartranft, Owners, Paul Snyder and Alvin Horning Auctioneers

SAT AUG 11 9 30 AM Public Auction of Farm Equipment Antiques, & Household Goods Located in Cumberland Co , PA , 1½ miles from Mt Holly, across from PPG Albert Derrick Owner Melvin & Lamar Sensenig, Auctioneers

SAT AUG 11 Public Auction of approx 2 acre Farmette Farm Equipment, & Household Goods Located in Clay Twp , Lanc Co , PA Leon P & Lorraine G Weaver Owner Paul E Martin & John Stauffer, Auctioneers

SAT AUG 11 - 9 30 AM Public Auction of Line Equipment, Vehicles, & Trailers Located at Pennsylvania Power & Light's facility at the corner of Union Boulevard & Plymouth St , Allentown, PA Vilsmeier Auction Co , Inc , Auctioneers

SAT AUG 11 11 PM Public Auction of Farm Machinery Located at the C Daniel & Sons Dairy Farm on Rt 202, 5 miles north of Flemington, NJ Farmers Home Administration, Owners Col Fred R Daniel, Auctioneers

SAT AUG 11 10 AM Public Auction of a Large Collection of Military Arms and Equipment ranging from Civil War period thru the 2nd World War Located at the Lionville Fire Hall, Exit 23, PA Turnpike Barry Hurchalla, Auctioneer

SAT AUG 11 - 2 PM Public Auction of a 205 Acre Farm, 10 AM Machine Shop Tools and Household Goods Located in Columbia Crossroads, PA (Bradford Co) William, Lewis and Kathleen Canfield, Owners Dick Crittenden Auction Co , Auctioneers

SAT AUG 11 - 9 30 AM Public Auction of the Annual Amish Parochial School Benefit Sale Selling New Quilts, New Dolls, Wooden Items, Household & Misc Items & Tools Located 4 miles west of Mifflintown or 3 miles west of Thompsontown, near the Village of Center, along Old Rt 22-322 Bryan D Imes, Auctioneer

THURS AUG 16 Monthly Cow Sale at Mel Kolb, Inc , Maryland Farm, Woodsboro, MD, ½ mile North West of Woodsboro on Rt 550 in Frederick Co

FRI AUGUST 17 - 5 30 PM Gap Auction Antiques and Household Goods sold at every auction Located off Rt 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers

FRI AUG 17 - 6 30 PM Public Auction of Feeder Cattle and Feeder Pigs Located at Keister's Middleburg Auction Sales, Inc , Rt 522, 3 miles east of Middleburg, PA , 5 miles west of Selinsgrove, PA Don & Walt Keister, Owners Ray Long and Dave Imes, Auctioneers

FRI AUG 17 10 AM Public Auction of Antiques, Household Goods, & Misc Items Located from Rt 222, 4 miles south of Lancaster Turn east on Rt 741 to Gun Museum Turn left on Edisonville Rd , 1 mile OR from Strasburg Pike, turn west on Edisonville Rd ½ mile Jacob A King, Owner Lloyd Kreider, Randal Kline, Roy Good & Gary Shirk, Auctioneers

SAT AUG 18 12 Noon Public Auction of the 5th Annual Prince Plaudit Production Sale of Appaloosa Horses Located in Strattanville, PA Rim Wolk Farm, Dave Stahlman, Owner Davis & Templeton, Auctioneers

SAT AUG 18 - 9 AM Public Auction of the 16th Annual Community Sale Selling Farm Equipment Household & Antiques Located at Leesport Auction Grounds, Rt 61 N of Reading, PA Sponsored by the Berks Co Ponoma Grange 7 Auctioneers

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Annual Amish Parochial School
BENEFIT SALE

SATURDAY, AUGUST 11, 1984 — 9:30 A.M.

Located 4 miles west of Mifflintown or 3 miles west of Thompsontown, near the Village of Center, along Old Route 22-322.

New Quilts Selling at 1:00 P.M.

Approximately 25 quilts in patterns such as "Autumn Leaves," "Nine Patch," "Star," "Log Cabin," "Rhapsody Cross Stitch," "Double Heart Cross Stitch," "Old Fashioned Fruit Basket," "Sunshine and Shadow," "Embroidered Quilt," Nine Patch Crib Quilt," Puzzle Block wall hanger, 40x40; quilted U.S. map wall hanging, 42"x34".

Freedie the Yardgoods Man will be selling a lot of material of various kinds and patterns, also a lot of new watches at approx. 11:30 a.m.

New Dools, Wooden Items, Household & Misc. Items, Tools

New dolls; Farmer in the Dell, Amish Boy, Laura Ingalls; Little Red Riding Hood — all dolls hand made and 20" high. New wooden items: Directors chairs; maple round dropleaf table & 4 chairs; child's table & 2 chairs; child's rockers, horses and wagons, riding horses, trains, cradles, butter churns; New Perfection table top kerosene stove; Monarch kitchen stove; Qualifie kitchen stove; pea huller; vanity & storage cabinet; pie safes; bookcase; birdhouses; 13 wire bakery basket trays; lg. alum. cooking trays; 1-5 gal. s.s. thermos; writing tablets; new scissors; umbrellas; 40 mm telescope; 50'3/8" coil copper tubing; new alum. scoop shovels; ext. cords; Rockwell 10" bandsaw; 3 sp. band saw, both like new; portable air tanks; tool boxes; new garden and hand tools; post drill; 1-10 gal. spray tank; foot pedal grinding wheel; other furniture and household items; a lot of farm fresh produce.

Please Note: There will be many items being consigned to the sale that are not known at this time. Anyone wishing to consign items, contact Harvey Petersheim, RD 2, Mifflintown, or bring to sale site on Friday evening or early Saturday morning.

SALE ORDER: 9:30 a.m. Misc. items; 10:00 a.m. New Tools; 11:30 a.m. Yard Goods and Watches; 1:00 p.m. Quilts; 2:00 p.m. Furniture and Remainder of Misc. Items.

If You Enjoy Good Country Food, Don't Miss This Annual Event!

Lyters, Clerks
Bryan D. Imes, Auct.
Phone 717-527-2449 AU#001656-L SALE HELD IN TENT

PUBLIC SALE
OF FARM EQUIPMENT, ANTIQUES, HOUSEHOLD GOODS
SATURDAY, AUGUST 11, 1984
9:30 A.M.

LOCATION: Cumberland Co., PA - Traveling I-81 take exit 14, go South on Rt. 34 to Mt. Holly, at Hi-Hat Drive-In and Gulf Service Station turn left onto Mill Street, 1½ miles to sale. Farm located across from PPG. Sale signs posted day of sale.

ANTIQUES - HOUSEHOLD GOODS

Dry Sink; 1920 kitchen cabinet with flour bin and spice rack-good condition; table with one drawer; iron kettles; crocks; meat grinder; oak buffet; oak dresser with round mirror; 1910 Alger and Optic Books; small kitchen cabinet; old Victor talking machine-records and cabinet; glass display case; picnic table; barbecue grill; metal lawn chairs; porch glider; hot water heater; storm doors, windows and screens; dishes and other small misc. items.

Farm Equipment

Massey Ferguson 275 Diesel - WF, 400 hrs. w/Kelly 5' bucket and 7' angle snow blade; Int. 370 transport disc; MF plow 3-16; NI 24' elevator; Smoker bin wagon; 6' 3 pt. blade; 6' Woods Cadet; NI 323 one-row corn picker; 12' cultipacker; Oliver 4 row corn planter; Oliver Superior grain drill; Oliver #50 baler; Oliver 4 bar rake; Oliver manure spreader; Oliver 14' harrow; field sprayer; Oliver 7' side mower; 2 flat bed wagons - 7'x16' and 6'x16'; 3 pt. weeder; 3 pt. 2 row cultivator; 7'x10' 2 wheel farm wagon; 16' grain auger; 3 pt. seeder; potato plow; Syrise walking plow; grinder wheel; air compressor; Harvard platform scales; 2 36' extension ladders; gates; iron hog troughs; watering troughs; old horse stall cleaner; heavy duty ½ drill; tool trunks; bag wagon; heat houser; motors; wood saw; elec. brooder; 300 gal. & 120 gal. fuel tanks; snow fences; chicken nests and feeders; wagon load of misc. items.

Order of sale - small items, household goods, farm equipment.

Terms by:
ALBERT DERRICK
574 Park Drive
Carlisle, PA
Phone: 717-486-5648

AUCTIONEERS:
Lamar Sensenig - 532-9160
Melvin Sensenig - 776-5054
Lic. # Au-001803 - L
Clerks - Witmer & Eberly
Lunch Served - Not Responsible For Accidents - I.D. Required

PUBLIC AUCTION
VALUABLE 8.3 ACRE FARMETTE - CONSTRUCTION EQUIPMENT, ANTIQUE TRUCKS & CAR, HORSES & TACK, HOUSEHOLD GOODS
SATURDAY, AUGUST 4, 1984
Sale time: 10:00 A.M.

Located Rt. 472 South of Quarryville 6 miles to Maple Shade Rd., Turn East 1 Mile or From Oxford Go North 6 Miles on Rt. 472 to Maple Shade Rd. Turn East 1 Mile. Colerain Twp.

Property consists of 5 Acres of tillable land, woods, stream. All fenced in. 3 BEDROOM MODULAR HOME 24x42. Includes kitchen, living room, 2 baths, full basement, elec. heat, storm windows and 12x16 Greenhouse attached. REAL ESTATE WILL BE OFFERED AT 1 P.M. OPEN HOUSE — SAT., JULY 14, 21 & 28 from 1 to 4 p.m.

AUCT. NOTE — Ideal rural country property only minutes from town. This property has a lot of potential. 10% down day of sale, balance in 30 days. More information call Auct. 717-786-3394.

1963 Mack Dump Truck; 1951 Ford Pickup; 1953 Chev. Pickup; 1956 Int. Dump Truck; 1973 Ford Pickup; 1973 Ford Flat Bed; 1977 Ford Ton Truck; 24 Ft. Flat Bed Trailer; 12 Ft. Flat Bed Trailer; 16 Ft. Fifth Wheel Flat Bed w/Sides; 1979 Layton Self-Contained Camper; 14 Ft. Van Body; 16 Ft. Van Body.

1973 Cadillac Eldorado; 1964 Ford 2 Dr. Hard Top, All original; 1974 125 Honda Street Bike; 1980 100 Yamaha Dirt Bike.

Registered Quarter Horse Mare w/Foal; Buckskin Quarter Horse, Gelding; Morgan Gelding; Reg. Standardbred Stud 4 Yr. Old; Yearling Quarter Horse Mare Colt; 6 Horse Trailer; 5 Western Saddles & Tack.

Four Wheel Drive 14 Horse Diesel Kubota w/Back Hoe & Front End Loader; Rhino Construction Stone Rake; Rotary Mower; Int. 7 Ft. & 5 Ft. Cut Grass Mower; Lawn Chief Lawn Mower; Rototiller 3½ Hp.; 6x8 Utility Shed; Tools; Nuts; Bolts; Sockets; Air Tools; Welder; AC Tanks; Torches.

Household Goods - Barrel Table w/6 Chairs; Antique Treadle Sewing Machine; Elec. Portable Sewing Machine; BUnk Bed; Frames; Dresser; Metal Wardrobe; 2 Metal Cabinets; China Cabinet; 21 Cu. Ft. GE Upright Freezer; Elec. Clothes Dryer; 2 Wood Burning Stoves; Metal Shelves.

ORDER OF SALE - Tools, Household Goods, Construction Equipment, Trucks, Cars & Horses.

Not responsible for accidents day of sale. NO OUT OF STATE CHECKS.

Terms by:
NELSON H. RADER

Auctioneers Conducting Sale:
Lloyd Kreider AU-000513-L
Randal Kline, Roy Good, Gary Shirk
Refreshments

Kreider & Kline Auctioneers

SHORT NOTICE
PUBLIC AUCTION
MODERN FARM MACHINERY
MONDAY, JULY 30, 1984
AUCTION TIME: 12:30 P.M.

LOCATED Between Lititz and Manheim along Temperance Hill Road. From Lancaster take Route 501 North to Lititz. In Lititz take Route 772 West 2 miles to farm on left. Lancaster County, PA.

INTERNATIONAL #766 DIESEL TRACTOR
INTERNATIONAL #674 DIESEL TRACTOR

These Tractors in Excellant Condition; NEW HOLLAND #782 HARVESTER with 2 Row, 30 Inch Corn Head, Underbeveled Knives, Hydraulic Angle Spout, 1,000 R.P.M. in Like New Condition; **NEW HOLLAND #310 BALER** with #70 Thrower; **20 FOOT HAY WAGON** with Bale Racks, on Tandem Gear; **18 FOOT HAY WAGON** with Bale Racks, **NEW HOLLAND #518 MANURE SPREADER** with Hydraulic Gate; **WHITE #252** 11 Foot Disk Harrow; 12 Foot Packer with 4" Axle; **GEHL #99** Hi-Throw Hopper Blower; **GEHL** 2 Beater Forage Wagon; **15 K.W.** Stationary Generator; International 3x14 2 Point Trip Plow; **Dunham #22 Loader** with 7 Foot Bucket to Fit the 674 Tractor; JOHN DEERE 12 Foot Spring Harrow.

1975 G.M.C. ¾ TON PICKUP TRUCK
With 40,000 Original Miles.

2 16' VANDALE SILO UNLOADERS
1 14' VANDALE SILO UNLOADER

All in Good Condition; Century Welder; High Pressure Washer; Hog Scales; Ithaco Pregnosticator; Tractor Chains; Heat Houser; Fuel Tank; Air Compressor; Water Medicator; 2 Shockers; Block and Tackle; Log Chains; Screw Jack; Forks; Shovels; Belts.

NOTE: Very Few Small Items, Large Equipment Selling Soon After Auction Begins. **OWNER SOLD THE FARM!** Making This a Real Opportunity to Purchase Modern Farm Machinery that has **BEEN WELL MAINTAINED AND IS IN EXCELLENT CONDITION.** If in Need of Any Equipment Do Not Miss This Auction! **ALL OUT OF STATE CHECKS MUST BE ACCOMPANIED BY A CURRENT BANK LETTER OF CREDIT!**

Auction By
JOSEPH M. CASSEL
756 Temperance Hill Rd.
Lititz, PA 17543 Phone: 717-626-4095

Auction Conducted By:
Paul E. Martin, Auct. AU-001601-L
Ephrata, PA 717-733-3511
John D. Stauffer, Auct. AU-001509-L
Lititz, PA 717-665-5099

AUCTION

VALUABLE HISTORICAL REAL ESTATE

25 ACRES, + -, NEAR PRUCELLVILLE, VA

IF NOT SOLD BEFORE, WILL BE OFFERED
SATURDAY, AUGUST 4, 1984 AT 12:00 NOON

The undersigned will offer at public auction his farm located approximately 5 to 6 miles south of Purcellville, VA on Rt. 611. Take Rt. 690 south at the 7-11 Store at the corner of Rt. 7 & Rt. 690 (at the west end of town), go about 5 miles to Rt. 730, turn left about 2 blocks then turn left on Rt. 611, go about ½ mile to farm on right. Follow sale signs.

NOTICE: Owner, discontinuing farming and moving to a small home will offer to the highest bidder 25 acres, more or less, and improvements (with 35 additional acres available) all being a part of the original tract of 89 acres of land.

IMPROVEMENTS: This area of Virginia is rich in Early American History and one will feel this Heritage when they see this parcel of real estate. The brick master dwelling, Circa 1790, contains 7 large rooms, 2 full baths and oil fired baseboard 3 zone heat. All recently decorated in excellent taste to preserve its historical amenities along with today's way of life. Much of the original woodwork has been restored showing the beautiful wood grain and craftsmanship of years gone by. Also a modern eat in kitchen with a dishwasher & refrigerator. There are 3 working fire places, one being in a bed room. There are 3 bed rooms with closets; family room; living room; dining room; open stairway; beautiful hardwood floors; large open side porch; screened in rear porch; large concrete floor basement with washer & dryer & inside & outside entrances. There is a small log cabin which was originally the slave quarters. The original stone bank barn has a new roof, but the wooden stables and hay loft are Civil War period. Other outbuildings consist of a 200 ft. 2 story cattle barn, shop, garages and sheds.

This parcel of land is landscaped with an orchard; large trees for shade; shrubs; lawns; fences and a springfed pond. This real estate will meet the test of the most discriminating buyer.

FOR SHOWING & DETAILS CONTACT
LOUDOUN REALTY
RT. 2, BOX 276, PURCELLVILLE, VA. 22132
OR CALL (703) 338-7424

FARM MACHINERY, GRAIN TANKS & DRYERS, TOOLS, LUMBER & SOME ANTIQUES

SELLING AT 9:30 A.M.

4 TRACTORS: Case 800 diesel row crop Case o matic tractor w/Eagle hitch; Oliver 77 diesel row crop tractor w/rear hyd. outlets; Farmall H tractor w/front end loader & side pulley & all new rubber; Farmall C tractor w/side pulley, 2x12 plows & cultivators & rotary hoe.

MISC. FARM MACHINERY: N.H. 479 haybine, cut less than 20,000 bales; N.H. 269 baler w/kicker; N.H. #56 hay rake; J.D. #2 hay fluffer; J.D. #40 COMBINE W/10 FT. GRAIN HEAD, & 2 ROW CORN HEAD; (2) kickbale wagons; (2) flat bed wagons (1) w/corn sides; J.D. FM 13x7 clutch lift grain drill; J.D. KBA 11 ft. tandem disc harrow; (1) 30 & (1) 36 tooth springtooth harrow; Case 3x16 trip-back plows; N.I. model 30A trailer field mower; WOODS 9½ FT. ROTARY MOWER; Case 28 ft. all purpose elevator; SHAVER FRONT MOUNT post driver; tractor mounted PTO post hole digger; 3 pt. 7 ft. scraper blade; J.D. 290 (2) row corn planter; BRILLION 11 FT. DOUBLE CULTIPACKER; (2) 2 wheel rubber tired trailers; J.D., 44 ft. tubular type elevator; also 92 ft. & 84 ft. J.D. tubular type mow conveyor & motor to be sold in two sections; J.D. model L ground driven manure spreader; 275 gal. homemade trailer sprayer rig w/boom & pump; rubber tired wagon gear.

GRAIN STORAGE SYSTEM: Chief 7000 +- bus. metal grain bin w/bin sweeps, drying floor, fan & unloading auger; Chief 1200 + - bus. wet bin w/drying floor sweep, lg. gas dryer, grain agitator; Hutchison 53 ft. 6" PTO driven grain auger on wheels; Snowco 30 ft. 6" PTO driven grain auger on wheels; 20 ft. 6" transport grain auger w/elec. motor; 16 ft. 4" portable auger elevator without wheels; (2) SIDE DUMP GRAIN WAGONS.

ANTIQUES: Wicker basket 1 horse sleigh; 1 horse buggy (both in excellent cond.); Estey foot pedal organ, made in Brattleboro, also in very good cond.; 1 cyl. frick or IHC gas engine & water jack pump, old single trees; steel sleigh bells; wheat fan; etc...

2,500 + - BALES OF CLOVER/ORCHARD GRASS HAY
1951 CHEV. 1½ TON STAKE BODY TRUCK
W/FACTORY REBUILT ENGINE, UNDER 10,000 MI. USE

MISC. TOOLS & EQUIP.: Onan PTO 12K Watt 120/240 volt generator on wheels; pr. 15.5-38 tractor tires, never mounted; 40 ton hyd. shop press, 11" metal lathe; 11" wood lathe; metal band saw; Craftsman wood plane; Lincoln 225 welder; log chains; tractor chains; 3 pt. boom; platform scales; other scales; ropes; axles; shovels; hand sprayer; fence tools & elec. fence equip.; hoes; elec. extension cords; wheelbarrow; bee hives & related equipment; 275 gal. fuel tanks w/pumps; mineral feeder; creep feeder; cattle oiler; cattle head gate; farm gates; metal fence posts; treated wood posts; rolls 48" woven wire; pipe wood clamps; 15 bales of baler twine; chain saw; come-along; sledges; hammers; Norge 12 cu. ft. double door refrigerator; portable hyd. engine hoist, like new; new Baldor spark free elec. motors, (2) 2HP, (3) 1½ HP, (4) 1 HP, (3) ¾ HP all in orig. cartons; vise; bench grinder; acetylene torch, guages & hoses; Seigler oil stove; (1) 40' wood & (1) 40' alum. extension ladders; metal mortor box; lg. sel. of new nails; paint and many more items too numerous to mention.

AUCTIONEER'S NOTE: All the above equipment has not been used for the past 5 years, but stored in the dry and has been maintained and in outstanding condition. Most of the items look like new. The sale will start promptly on small items followed by antiques, machinery, grain system.

TERMS: Cash/Check on day of sale. Not responsible for accidents.

SINCE 1920
Trout Auctioneers, Inc.
15 North Court Street Frederick, Maryland
301/663-1555
"Experience Doesn't Cost — It Pays"

Lunch Available

Owner,
CLARENCE J. MYERS
Rt. 2, Box 276
Purcellville, VA 22132

Public Auction Register

Closing Date Monday, 5 00 P M
of each week s publication

SAT AUG 18 10 AM Public Auction of a 23 Acre Farm, Antiques, Collectibles, Household Furnishings Farm Equipment and Tools Located midway between Fisherville and Enders in Jackson Twp, Dauphin Co, PA 25 miles northeast of Harrisburg, 5 miles east of Halifax Turn off Rt 225 at Victor House Restaurant in Fisherville Go east toward Enders about 2 miles Mabel E Snyder Owner Mike & George Deibert Auctioneers

SAT AUG 18 9 30 AM Public Auction Liquidation Sale of Harvest Equipment Tools, Antiques & Household Items Located in York Co PA Take Interstate 83 to exit 12, go east on 295 two miles Cross cement bridge and turn right on Craigmoore Rd Follow 3 miles to Grandview Drive, turn right 1st farm on right in lane Buck Shelly Owner Blaine N & Nevin B Rentzel, Auctioneers

SAT AUG 18 10 AM Public Auction of Real Estate, Household Goods, Antiques, Collectibles, Guns, Equipment & Tools Located in Lykens R D 1 PA, North of Loyalton, between Loyalton and Crossroads (Take Rt 209 north to Loyalton approx 2 miles north on Leg Rt 22035 for approx 2 miles, north on Rt 25 from Berrysburg to Crossroads and approx 1½ miles south on Leg Rt 22035 toward Loyalton, PA) Mrs Josephine Gonder Owner Edwin Shoop & David Deibler Auctioneers

SAT AUG 18 8 30 AM Public Auction of the Bareville Fire Co's 9th Annual Sale Selling Furniture, Antiques, Quilts New Tools Sporting Goods & Groceries Located at 211 E Main St, Leola, PA

SAT AUG 18 9 AM Public Auction of a Poultry and Fruit Farm, Tractors, Machinery Orchard Equipment Etc Located off Green Valley Rd North Codorus Twp, York Co along Spangler Rd midway between Jefferson and Seven Valley's From Rt 30, take 616 to Seven Valleys Proceed on Green Valley Rd Michael H & Donna W Lecrone, Owners C C Miller & Sons, Auctioneers

SAT AUG 18 Public Auction of Sawmill Horse Drawn Machinery, Farm Related Items, Some Household and Antiques Located in Snyder Co 2 miles west of Meiserville Sam M Troyer Sr Owner Brian B Imes Auctioneer

SAT AUG 18 10 30 AM Public Auction of Clean Farm Machinery and Registered Angus Located on Sutton Rd 1 mile south of Califon NJ 9 miles N W of Oldwick, NJ Use Interstate Rt 78 to Oldwick Exit, take Rt 517 north about 6 miles to blinker light Take Rt 512 west to Guinea Hollow Rd to Sutton Rd to farm 1726 Farm, Owner Col Fred R Daniel, Auctioneers

SAT AUG 18 10 AM Public Auction of 6 Acre Farmette, 2 Tracts of Woodland, Household Goods and some Antiques Located along Peiffers Hill Rd about 2 miles N E of Reamstown, Lanc Co, PA Turn off North Main St at Kramers Mill Rd to Peiffers Hill Rd Also about 2 miles from turnpike entrance Eugene W Haldeman and Patricia Nichols, Executors Cloyd L Haldeman Estate H H Leid Auction Service, Auctioneers

GAP AUCTION

FRIDAY EVE., AUG. 3
5:30 P.M.

Located off Route 41 - Lancaster Avenue Opposite Turkey Hill Minit Market - Cross RR Bridge

ANTIQUES AND HOUSEHOLD GOODS SOLD AT EVERY AUCTION

CONSIGNMENTS ON MONDAYS FROM 8:00 A.M. to 7:00 P.M.

IRA STOLTZFUS & SON, Auctioneers
442-4936 or 442-8254
AU000907-L
CONDUCTORS ALL TYPES PUBLIC SALES

PUBLIC SALE

OF LARGE COLLECTION OF ANTIQUES & COLLECTIBLES
Brickerville Fire Hall
MONDAY, JULY 30, 1984
Sale Time 4 P.M.

Sale to be held at Brickerville Fire Hall located along Hopeland Rd. just off Rt. 322 at Brickerville (between Ephrata & Hershey), Lancaster Co., Pa.

ANTIQUES & COLLECTIBLES

OAK HALL RACK; SMALL OAK CHINA CLOSET; SPINNING WHEEL; CORD WINDER; Pine Wood Box; Windsor Type Chair; "Haywood Wakefield" Bamboo Sofa & 2 Chairs; High Chair; Gateleg Table; School Desk & Chair; Maple End & Coffee Tables; Philco Floor Radio; Treadle & Other Sewing Machines; Tier Table; Wooden Snack Trays; Large Coke Cooler; Olympic Electric Typewriter; Kerosene Hanging Light; Hanging Light (Ruby Shade); Bracket Light & Reflector; B&H & Rayo Kerosene Lights (Glass Shades); Antique Kerosene Lights (Glass, China - Various Sizes); "Cresolene" Lamp; Lanterns; Student Lamp; Many Lamp Shades; Pictures & Frames (Some Tin); Balance Scales; Many Baskets; wooden German Clocks; matel & Cuckoo Clocks; China Clock; 2 Trombones; Euphonium; harmonicas.

CHINA, GLASSWARE & COLLECTIBLES

Many IRONSTONE Items — Tureens, Serving Dishes; Mikasa "Rosemont" Service 12; German & Noritake China; Occupied Japan Items; Antique Cups & Saucers; Numbered Collector Plates; Oriental Tea Set; Blue Willow; German "Fruit & Flower" Bowls; Chocolate Pots (Bavaria, etc.); Hershey, Souvenir & Commemorative Plates; FIESTA Bowls, Dinner Plates & Pitchers; Many Pcs. Depression (Various Colors); PRESSED & PATTERNED GLASS - Bowls, Relishes, Glass Basket; Salts; Ruby Wine Glasses; Carnival "Peacock" Spooner, etc.; Goofus Glass; Silver Overlay; Heisey; Hobnail; Fenton; Amethyst; Miniature Pitcher & Jug Collection; Blue & Clear Eye Cups; Lg. Blown Egg; Copper Lustre Pitcher; Shaving Mugs & Mirrors; Chicken-on-Nest; Majolica Pitcher; Roseville, Shawnee, Hall Pottery; Collection of Hall Teapots; "Goebel" Friar Tuck Set; Jewel "T" Cookie Jar; Salt & Pepper Collection; Collection of China Dogs, Cats, Chickens, etc.; Carved Ivory Items; Ivory Chess Set; Mah Jong Set; Antique Oriental Items (Brass, China, etc.); Brass Collectibles; BOTTLES — Seltzer, Michter, Election Whiskey Bottles; Amber "Coke" & Other Old Bottles; V.W. Whiskey Set; Large Avon Collection; Dated 1 & 2 Qt. Jars; Beer Steins; Toby Mugs; Beer Clocks; Advertising Items; Agateware; Tin Items; Gold Filled Ladies' & Men's Watches; Marbles; Porcelain Doll Heads; "Lone Ranger" First Aid Kit; Cap Pistols; Tin Toys; Uncle Sam Coin Bank; Child's Iron; Flat Irons; Children's & Other Books; Old Playboy Magazines; Old Records; many other items still in boxes when sale was listed. Come and see what we discover!

Terms by:
JOSEPH F. GRILLO ESTATE

T. Glenn Horst, AU-000438-L
Timothy G. Horst, AU-001767-L
738-1245 or 859-1331

Public Auction Register

Closing Date Monday, 5 00 P M
of each week's publication

SAT AUG 18 Public Consignment Sale of the Kutztown Fire Co Located 2 miles north of Rt 422 on Rt 645 Con tact Henry Brubaker 717 866 2702

TUES AUG 21 4 PM Farmersville Auction in Farmersville, 3 mi East of Brownstown Lancaster County, PA

WED AUG 22 6 PM Public Auction of the Pennsylvania Department of Agriculture's Meat Animal Evaluation Center Sale of Boars Located at 651 Fox Hollow Rd State College PA 16801

FRI AUG 24 7 00 PM Dairy Sale Located at Penns Valley Livestock Auction Centre Hall PA Scott L Yocum and Ron Gilligan Auctioneers

FRI AUG 24 7 PM Public Auction of the Lebanon Co Holstein Club Annual Holstein Sale Located at the Lebanon Area Fairgrounds, Lebanon, PA Harry H Bachman Auctioneer

FRI AUGUST 24 5 30 PM Gap Auction Antiques and Household Goods sold at every auction Located off Rt 41, Lan caster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auc tioneers

FRI AUG 24 7 PM Public Auction Dairy Sale Located at Penns Valley Livestock Auction Centre Hall PA Ron Gilligan Auctioneer

SAT AUG 25 9 30 AM Public Auction of Real Estate, Livestock and Farm Equipment Located 4 miles east of Blue Ball 4 miles west of Honey Brook along Rt 322, Lanc Co PA John K & Mary Ann Zook Owners Diffen bach's Auctioneers

SAT AUG 25 Public Auction for the Peoples Gas, Light & Coke Co Located in Chicago, Il linois Vilsmeier Auction Co , Inc , Auctioneers

SAT AUG 25 11 AM Public Auction of Horses Located at Keister's Mid dleburg Auction Sales, Inc , Rt 522, 3 miles east of Middleburg, PA , 5 miles west of Selinsgrove, PA Don & Walt Keister, Owners Ray Long & Dave Imes, Auctioneers

SAT AUG 25 9 30 AM Public Auction of a 46 Acre Farm, 4 Acres & Frame House, Antiques, Household, Fruit Stand Equipment & Tractor Located in York Co , PA 2440 Mt Zion Rd , York Co (Rt 24 north of Avalong's Restaurant off Rt 30 at Mt Zion Exit) Irene M Arvin Estate Charles W & Richard E Arvin, Executors Blaine N Rentzel, Charles Arvin & Nevin Rentzel Auc tioneers

MON AUG 27 10 AM Public Auction of Farm Equipment, 67 Head of Dairy Cattle, Horses, Horse Drawn Machinery Located in Cumberland Co , PA 3 miles west of Newville John & Sadie Esh, Owners Lamar & Melvin Sensenig, Auc tioneers

TUES AUGUST 28 - 4 PM Farmersville Auction in Farmersville, 3 mi East of Brownstown, Lancaster County, Pa

FRI AUG 31 9 30 AM Public Auction of Farm Machinery Located in Lumberton, NC, 4 miles south of I-95 on NC211 New Holland Credit Corp , Owner Meekins Auction Co Auctioneers

SEPT.

SAT SEPT 1 12 30 PM Public Auction of PA's 6th Performance Tested Ram Lamb and Invita tional Ewe Sale Located at the Pennsylvania Dept of Agriculture's Meat Animal Evaluation Center, 651 Fox Hollow Rd , State College, PA 16801 Spon sored by the PA Dept of Ag in Cooperation with the PA State University and the PA Sheep and Wool Growers Assn

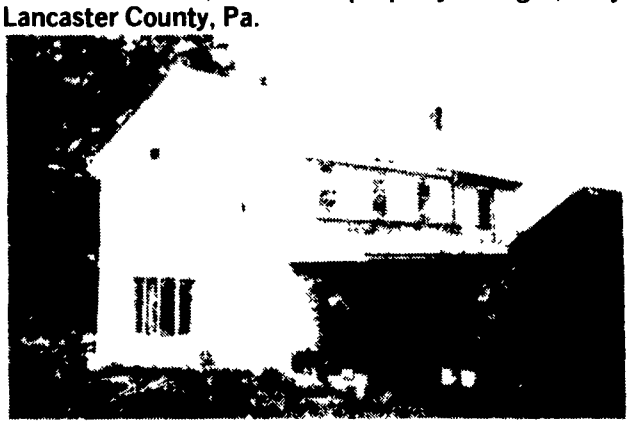
MON SEPT 3 - Public Auction of 149 acre dairy farm and farm equipment Located along Rt 419, 5 miles North of Schaef ferstown, Millcreek Twp , Lebanon County, PA Sale by John J and Eva Oberholtzer Paul E Mar tin and John D Stauffer Auctioneers

THURS SEPT 6 - Monthly Cow Sale at Mel Kolb, Inc Lancaster Farm, 2220 Dairy Road Lancaster PA

PUBLIC AUCTION

1.9110 ACRE FARMETTE
FARM EQUIPMENT, HOUSEHOLD GOODS
SATURDAY, AUG. 11, 1984
AUCTION TIME: 12:30 P.M.
REAL ESTATE: 2:00 P.M.

DIRECTIONS: Take Route 322 West of Ephrata to Clay, in Clay turn north on Clearview Road, go approx. 1 mile to Water St. Turn left on Water St., ½ mile to property on right, Clay Township, Lancaster County, Pa.



2½ STORY FRAME DWELLING

with eat-in kitchen, family room, living room, laundry room with ½ bath, and utility room, all on first floor. Second floor has 3 bedrooms with carpet, and full bath.

NOTEWORTHY FEATURES

- Ephrata School District
- Aluminum Siding
- Corner Property
- Electric Heat
- Well w/ Pressure System
- Some Storm Windows
- Mature Shade
- Grape Arbor
- On Lot Sewer
- 9,000 Gal. Cistern

AND THERE IS STILL MORE!

Small Barn with attached Poultry House; Corn Barn and Hog Stable. A golden opportunity to keep a horse, or other animals you and your family have some day hoped to own.

JOHN DEERE M TRACTOR

with Plow & Cultivator; Disk Harrow; Spring Harrow; Massey Harris 7 Foot Bar Mower; HAHN ROTOTILLER; HAHN RIDING MOWER; 6'x6' Walk-In Refrigerator with Compressor; Hobart PRODUCE SCALES; Computing Scales; Fairbanks; Platform Scales; Single Hole Corn Sheller; Bushel Crates; Baskets (Approx. 200 from Quarter Peck to Bushel Size); Berry Crates & Boxes; Chick Waterers & Feeders.

1969 INTERNATIONAL SCOUT II

3 Speed, 4 Wheel Drive, Inspected, Runs Good; 12 Gauge Hammerless Single Shotgun; HUTCH CUPBOARD; 2 Chests of Drawers; OLD DRESSER with Beveled Mirror; 2 Single Beds; Double Bed & Mattress; Coal Cook Stove; End Tables; Wall Cabinets; WAGON WHEEL Ceiling Light; Washtubs; Steel Bathtub; Love Seat; RCA 8-Track STEREO SYSTEM with Speakers; DROP LEAF TABLE; 5 GAL. CROCKS; Jars; Lot of Misc. Housewares & Dishes.

SEE THIS FINE PROPERTY AT OPEN HOUSE, SATURDAY, JULY 28th & August 4th from 12:00 noon to 3:00 p.m. or by appointment, call 717-733-6982. Real Estate at 2:00 p.m., Farm Machinery to be sold after Real Estate. All herein information is believed to be accurate but is being used for advertising purposes only.

Auction By:
LEON P. & LORRAINE G. WEAVER
Route 1, Ephrata, Pa.

Michael P. Kane, Attorney
Auction Conducted By:
Paul E. Martin, Auct. AU-001601-L
Ephrata, Pa. 717-733-3511
John S. Stauffer, Auct. AU-001509-L
Lititz, Pa. 717-665-5099

Food At Auction

PUBLIC AUCTION

FARM EQUIPMENT; MISC.
FRIDAY, AUGUST 10, 1984
At 4 P.M.

Approx. 7 miles N. of Phillipsburg New Jersey, turn off Rt. 519 in the Village of Roxberg, across from the Hotel onto Roxberg Rd., to top of hill keep the right hand turn approx. .8 mile to farm.

MF 135 three cyl. tractor, only 907 hs., w/3 pt., etc. (nice); Ford 3 pt. two bot. pl; 3 pt. three sec spring tooth harrow; 3 pt. 6' disc; 3 pt. rear blade; JD 3 pt. two r c planter; 3 pt. post hole digger w/12" auger; NH #451 - 3 pt. 7' mower; JD 14-T baler w/loading chute; four wheel farm trailer; plus misc. shed items & household goods.

Terms - Cash or check
Refreshments available
Reason for auction: Farm is sold

Ordered by
FOSTER & DOROTHY MYERS

Conducted by Ralph W. Zettlemoyer
Auction Co. Inc.
(215) 395-8084
Pa. License #AU-001809-L

SHORT NOTICE FARM MACHINERY AUCTION

SATURDAY, AUG. 11, 1984
at 11 A.M.

For Farmers Home Administration. Machinery has been moved for convenience to the C. Daniel & Sons Dairy Farm on Rt. 202, 5 miles N. of Flemington, N.J.

11 A.M. SHARP!

No Small Items!

Tractors - IHC 966 DL w/W.F. 3PTH dual hyd. clean, IHC 806 DL WF 3 PTH sells as is needs motor, J.D. 105 DL Self Propelled Combine w/cab and 13 ft. grain hd. Equip. - IHC 710 4 btm 16" Auto reset plow semi mtd, IHC #510 20 hole grain drill w/press wheels like new, J.D. 950 hyd 16 ft. cultimulcher, Pittsburg 15 ft. hyd. springtooth harrow A-1, Brady 10 ft. 3 PTH chisel plow A-1 w/sod buster, Mayrath 50 ft. 6" PTO grain auger portable, portable grain cleaner w/motor and corn and grain screens, Hubs for duals. ATTENTION! Be on time. Many items are in very good condition!

Inspection: 1 hour before sale! Or by appointment.

Terms Cash or Good Check w/proper I.D. Paid in Full Sale Day! Out of State Buyers Cash or Certified Funds or Valid Bank Letter of Credit w/customers name and amount he can spend up to, Addressed to Col. Fred R. Daniel Farm Sale Aug. 11, 1984.

Sale For
FMHA CRANBURY,
N.J. Office

Sale Conducted By:
Col. Fred R. Daniel Auctioneers INC.
Neshanic Sta., N.J.
201-369-4784

FEATURING FIRST AND THIRD MONDAY EACH MONTH

GRADED FEEDER PIG SALE

1:00 p.m. Sharp!

Telephone 302-734-2016 or 284-4541
Tele-O-Auction - 302-284-4912

* Tele-O-Auction - Bid over the telephone.
* Easy to reach - Rt. 13, on South Bound Lane, approximately 10 miles South of Dover, Delaware.
* Quick Service - Load & Unload.
* No Dealer pigs
* Pigs received after 7 a.m. until 11 a.m
* Consignors - Paid day of sale.
* Veterinarian inspection on premises - Dr Towers.
* State Graded
* Pseudorabies Free State

Auctioneers-Harry Barrett - Chester Lee Carroll

AUCTIONS OF ALL TYPES

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2 ABSOLUTE AUCTIONS

94 ACRE FARM
K/A "THE RALPH HUGO HOMESTEAD"
TO BE SOLD IN 3 PARCELS

LOCATION: On Highway 56018 1 mi East of Hugo Corner, 4.3 miles north of Rt. 154, Estella, PA, Elkland Twp., Sullivan County, PA

SAT., AUG. 4, 1984 11:00 A.M.

REAL ESTATE - 94 Acre Farm w/37 acres wooded and 2 ponds, to be sold in three parcels 2½ sty frame Dwelling w/7 rooms & 1 bath 2 sty frame Barn 45x55

INSPECTION - Sat , July 28th, 11 A M to 1 P M

TERMS - 15% down day of auction in cash or acceptable check. Settlement w/in 45 days

73 ACRES OPEN GROUND
PARTIALLY WOODED & SMALL STREAM

LOCATION: On Highway No 08008 1½ mi No. of Hugo Corner In Overton Twp., Bradfrod Co., PA

SAT., AUG. 4, 1984 1:00 P.M.

REAL ESTATE - 73 Acre Tract w/approx 63 acres wooded, nice timber good stream Only minutes from PA Game Lands #36

INSPECTION - Anytime

TERMS - 15% down day of auction in cash or acceptable check. Settlement w/in 45 days

REQUEST DETAILED BROCHURE!

Sanford A. Alderfer, Inc.
Real Estate Brokers & Auctioneers
Box, 1 Harleysville, PA 215-723-1171
PA No AU-001117-L

FARM AT PUBLIC AUCTION

SATURDAY, AUG. 11
AT 2:00 P.M.

Columbia Crossroads, Pa.
(Bradford County)

FARM CONTAINS 205 ACRES. 55 acres are woodland and rest is tillable. Land lays very well. Has very pleasant modernized 5 bedroom house with bath and half. All modern conveniences and very nice condition. Large barn and shed could be used as dairy or pig or horse farm. Must be seen to be appreciated.

FINANCING TO RESPONSIBLE PARTY.
Farm shown by appointment.
Call 717-549-2283.

The machine shop tools and household goods will sell at 10: AM same day. Watch for more detailed list.

Owners:
WILLIAM, LEWIS and KATHLEEN CANFIELD

Managed & Sold By:
DICK CRITTENDEN AUCTION CO.
Mansfield, Pa. 16933

P.S. The Canfields have bought a home in Mansfield. This farm has been in the Canfield name since 1800.

MELVIN KOLB, INC.

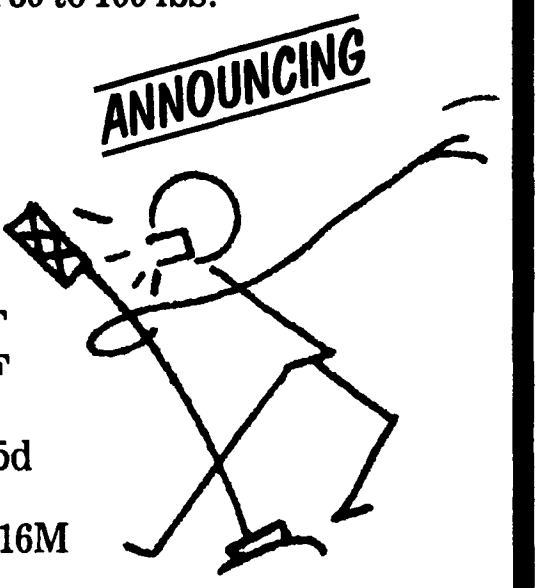
HOLSTEIN COW SALE

THURSDAY,
AUGUST 2ND
7:30 PM

LOCATION:
West of Lancaster on Dairy Road. Take Rt. 283 west of Lancaster, exit beyond ABC Stud Barns at Flory Mill Rd., turn left after exiting, go to Mill, then sharp right under railroad bridge. Barn is within sight of Rt. 283.

150 HEAD — COWS & HEIFERS — 150 HEAD

50 PUREBREDS, first, second & third calf cows; some are fancy with very good classifications, records & pedigrees.
50 real top first calf heifers, some are milking between 50 and 60 lbs. per day.
25 big heavy-milking GRADE cows that will suit the most particular buyer.
25 really good GRADE cows from New York; fresh milking from 80 to 100 lbs. per day.



SAMPLE OF SOME TOP COWS IN SALE:

* A FULTONWAY TURBULANCE dau., dam 330d 21414M 653F
* A VG-85 PACLAMAR ASTRONAUT dau. 3y 16604M 722F
* A ZION-VIEW AMYS GRAND FORTUNE dau. with 20719M 828F
* A WILLOW FARM ROCKMAN IVANHOE dau. with 17342M 732F
* A BIS-MAY ASTRO JUPITER dau., dam 305d 20790M 4.0 822F
* A 2 yr. old ZION-VIEW AMYS GRAND FORTUNE dau., dam 305d 17820M 4.6 826F
* A CHAPEL-BANK APACHE dau. at 3y 14310M 3.8 548F, dam 18716M 3.8 708F
* A FULTONWAY MILU CHIEF FASHIN dau., dam VG-86 ASTRONAUT dau. with 22613M 868F
* A real nice 2 yr. old STRAIGHT PINE ELEVATION PEPE dau., just fresh, from a SEILING ROCKMAN gr. dam.
* A big fancy 1st calf HANOVER HILL TRIPLE THREAT dau. with 3 generations of dams having 4.0 test, springing-due August.
* A BIS-MAY ASTRO JUPITER dau. milking 70 lbs., dam 305d 19700M 3.8 740F
* A BROWNDALE CONCORD-ET dau., dam EX-90 with 19060M, gr. dam VG
* A POVERTY-HOLLOW MILESTONE dau.
* A STREPHON dau. bred to GRAND FORTUNE - due July 30
* A WHOLESOME PERSEUS LEADER dau.
* An OCEAN-VIEW SEXATION dau.
* A PACLAMAR ASTRONAUT dau., dam with 19373M

ALSO SELLING - 2 Service Age Bulls:
— A KENMARDE PEACHUM BARNEY Son, dam VG-87 315d 18909M 681F
— A STONEYLAWN PACLAMAR LEPRECHAUN Son, dam VG-86 335d 20536M 803F

FREE REFRESHMENTS - THERE WILL BE A SPECIAL TREAT FOR ALL DAIRYMEN!

DOOR PRIZE: PUREBRED HEIFER CALF
Must be a buyer to be eligible and present to win.

FREE TRANSPORTATION FOR LANC. CO. AMISH - Please Call 569-2106 or 569-6800

MELVIN KOLB
Sale Manager

ROBERT C. MULLENDORE
Auctioneer AU-000644-L

HENRY KETTERING
Pedigrees

Public Auction Register

Closing Date Monday 5 00 P M
of each week s publication

FRI SEPT 7 7 00 P M Holstein Promotional Sale at New Holland Sales Stables Inc 12 miles East of Lancaster off Rt 23 in New Holland PA Abe Diffenbach Manager

FRI SEPT 7 7 PM Public Auction of a Holstein Promotion Sale Located at New Holland Sales Stables Inc 12 miles East of Lancaster, off Rt 23 Abe Diffenbach & Norman Kolb Auctioneers

FRI SEPT 7 9 AM Public Auction of all kinds of Machinery on Consignment Located at the Belleville Livestock Market Belleville, PA Belleville Livestock Market Owners Mark Glick Auctioneer

SAT SEPT 8 10 AM Public Auction of Real Estate, Household Furnishings Antiques Collectibles, Farm Equipment and Tools Located in the Village of Hepler Upper Mahantongo Twp Schuylkill Co PA, ¼ mile south of Agway store, 6 miles east of Klingerstown, 2 miles west of Rt 125, turn west at Purple Pump Cafe Samuel R Smith Estate Shirley Welker & Charles S Smith, Administrators Mike & George Deibert Auctioneers

TUES SEPT 11 7 PM Public Sale of Feeder Cattle and Feeder Pigs at Carlisle Livestock Market exit 12 off I 81 717 249 4511

FRI SEPT 14 1 30 PM Public Auction of State Grade Consignor Feeder Pig Sale Located at the Carlisle Livestock Market Inc

FRI SEPT 14 7 PM Public Auction of the District Relief Heifer Sale for the Church of the Brethren Located at the Lebanon Fairgrounds Lebanon PA Claire Kreider Manager

MON SEPT 17 Public Auction of approx 120 head of dairy cattle located along Rt 419 5 miles north of Schaefferstown Millcreek Twp Lebanon County PA Sale by John J and Eva Oberholtzer Paul E Martin and John D Stauffer Auctioneers

THURS SEPT 20 Monthly Cow Sale at Mel Kolb Inc Maryland Farm Woodsboro MD ½ mile North West of Woodsboro on Rt 550 in Frederick Co

FRI SEPT 21 Landisburg PA Kling s Fall Invitational William Kent Bergen NY Pedigrees Kling s Auction Sale Managers

FRI SEPT 21 6 30 PM Public Auction of Feeder Cattle and Feeder Pigs Located at Keister s Middleburg Auction Sales Inc Rt 522 3 miles east of Middleburg PA 5 miles west of Selinsgrove PA Don & Walt Keister Owners Ray Long & Dave Imes Auctioneers

SAT SEPT 22 Public Auction Benefit Sale for West Fallowfield Christian School Located 2 miles south of Atglen PA along Old Rt 41 Newport Pike Ron Kurtz Auctioneer

TUES SEPT 25 7 PM Public Sale of Feeder Cattle and Feeder Pigs at Carlisle Livestock Market exit 12 off I 81 717 249 4511

FRI SEPT 28 10 AM Dairy Show 1 30 PM Dairy Sale Located at the Penns Valley Livestock Auction Centre Hall PA Ron Gilligan Auctioneer

SAT SEPT 29 12 Noon Red Carpet Horse Sale Public Auction of Registered Quarter Appaloosa and Thoroughbred Horses Located at the Cambria Co Fairgrounds Edensburg PA Kevin Hines and Chris Rowe Owners Davis and Templeton Auctioneers

SAT SEPT 29 Consignment Heifer Sale to Benefit Elementary Christian Schools Located 6 miles east of Lancaster at the Guernsey Sales Pavilion Larry Kennel Manager

SAT SEPT 29 11 AM Public Auction of Horses Located at Keister s Middleburg Auction Sales Inc Rt 522 3 miles east of Middleburg, PA 5 miles west of Selinsgrove PA Don & Walt Keister Owners Ray Long & Dave Imes Auctioneers

OCT.

WED OCT 3 9 30 AM Show 12 Noon Sale Annual Cow Show and Sale Located at the Belleville Livestock Market Belleville PA Mark Glick Auctioneer

THURS OCT 4 Monthly Cow Sale at Mel Kolb Inc Lancaster Farm 2220 Dairy Road, Lancaster PA

TUES OCT 9 7 PM Public Sale of Feeder Cattle and Feeder Pigs at Carlisle Livestock Market exit 12 off I 81 717 249 4511

WED OCT 10 12 Noon Public Auction of the Western PA Sale of Stars Located in Butler PA

FRI OCT 12 1 30 PM Public Auction of State Grade Consignor Feeder Pig Sale Located at the Carlisle Livestock Market Inc

SAT OCT 13 10 00 A M Annual Fall Heifer Sale at New Holland Sales Stable Inc 12 miles East of Lancaster off Rt 23 in New Holland PA Abe Diffenbach Manager

SAT OCT 13 9 AM Public Auction of a 60 Acre Farm Farm Equipment Antiques and Household Goods Located in Brecknock Twp Berks Co Carl H and William J Moore Owners Horning Farm Agency Inc Auctioneers

THURS OCT 18 Monthly Cow Sale at Mel Kolb Inc Maryland Farm Woodsboro MD, ½ mile North West of Woodsboro on Rt 550 in Frederick Co

Dairy and Livestock Sales

PA'S 7TH PERFORMANCE TESTED BOAR SALE
WEDNESDAY, AUGUST 22, 1984
6:00 P.M.

AT
PENNSYLVANIA DEPARTMENT OF AGRICULTURE'S
MEAT ANIMAL EVALUATION CENTER
651 Fox Hollow Road
State College, Pa. 16801

BOARS ON TEST
32 YORKSHIRE 8 BERKSHIRE 12 SPOTS
4 HAMPSHIRE 16 DUROC 8 LANDRACE

Catalogs Available About August 10, 1984

SELLING APPROXIMATELY 60 BOARS

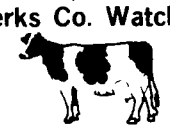
For Information Contact Ed Barben at 814-238-2527

Average Daily Gain for 80 Boars After 60 Days on Test is 2 12

Sponsored By:
PENNSYLVANIA DEPARTMENT OF AGRICULTURE
In Cooperation With
THE PENNSYLVANIA STATE UNIVERSITY
and
THE PENNSYLVANIA PORK PRODUCERS COUNCIL

PUBLIC SALE

HERD DISPERSAL OF 55 HEAD
SAT., AUGUST 11, 1984
Sale Time 12:30 P.M.
Located 2 Miles North East Of Bernville, Off Shartlesville Road, East On Irish Creek Rd., 1 Mile To First Farm On Left, 4 Miles South Of Shartlesville, 4 Miles South Of Centerport, Berks Co. Watch For Sale Sign At Bernville.



Included in this herd are 43 Head Holsteins, 8 Brown Swiss, 4 Heifers due January, 7 Purebred Holsteins, 26 Head 1st, 2nd, 3rd Calf, Some Vaccinated, 5 Fresh May, 6 Fresh June, 3 Fresh July, 4 Due August, 7 Due Sept., 4 Due Oct., 4 Due Nov., some cows milking 90 lb. per day, Balance in all stages, Majority of Herd home raised. If you need cows don't miss this sale. 30 day test, pregnancy checked.

SALE TIME 12:30

TERMS BY:
WILBUR & PAULINE HARTRANFT
PHONE 215-488-6050
Paul Snyder & Alvin Horning, Aucts.
Lic. No. AU-000873-L 717-733-7052
Fasnachts, Clerks

Not Responsible for Accidents
No Out of State Checks
Refreshments Lebanon Valley Christian School

PUBLIC SALE

65 SELLING 65 SELLING

HEIFER SALE

Aulworth Farms will hold their First Annual Heifer Sale on

FRI. EVE., AUGUST 3, 1984
at 6:30 P.M.

Located in Centre County, Pa. on Rt. 45, 3 miles east of Pine Grove Mills - 3 miles west of Boalsburg, Pa. or 2 miles south of State College, Pa.

(45 HEIFERS DUE AUGUST-SEPTEMBER)
(17 REGISTERED HEIFERS 17)
These heifers will be due later in fall.
(3 SERVICE AGE REGISTERED BULLS)
MERRY KING with 18,000 - 20,000 records.
APOLLO TOPPER w/18,000 - 20,000 records.

Auctioneer's Note: Animals are home raised on Aulworth Farms, and all animals are guaranteed bred. Interstate papers will be provided along with health charts, so plan to come to a good heifer sale.

TERMS: Cash or Check
Ford Available by Pine Grove Lioness.

Auctioneers: Ron Gilligan
Pa. Licensed and Bonded #AU339-L
Art Kling
Pa. Licensed and Bonded

Auctioneers or Owner not responsible in case of accident.

PUBLIC AUCTION

OF COMPLETE DAIRY HERD
TUES. EVE., JULY 31, 1984
at 7:30 P.M. Sharp

LOCATION: From Frederick take Rt. 15 North approx. 7 miles to Bartgis Road on left. From Thurmont take Rt. 15 South approx. 8 miles to Bartgis Road on right. Follow sale signs.

45 MATURE HOLSTEIN COWS 45

This herd consists of 15 cows fresh in last 45 days, 15 dry cows with several springing which will be fresh by sale day Balance in different stages of lactation with mostly fall cows. This is a good, sound herd with mostly young cows that have not been fed for top production

HEALTH: Cattle have been tested for interstate shipment within 30 days of sale. Also have been pregnancy examined.

ATTENTION CATTLE BUYERS

Buyers of cows MUST be either in the MILK DIVERSION PROGRAM, or be buyers for SLAUGHTER only in order to qualify as purchasers. This is an excellent opportunity for those farmers in the Diversion Program to purchase cattle in a limited market.

NOTE: If your are in the Diversion Program and are planning to buy, please bring a letter from your local A.S.C.S. Office stating so Slaughter buyers will have to sign a statement telling which packer will receive cattle

TERMS: CASH/CHECK on day of sale.
Not responsible for accidents.

JOHN D. & DOROTHY GARTRELL,
Sellers
9734 Bartgis Road
Frederick, MD 21701

SINCE 1920
Trout Auctioneers, Inc.
15 North Court Street/Frederick, Maryland
301/663-1555
"Experience Doesn't Cost — It Pays"

ATTENTION DAIRYMEN

50 HEAD OF PUREBRED & GRADE ANIMALS TO SELL AT:

MT. COUNTIES FRESH COW & BRED HEIFER SALE
FRIDAY, AUGUST 3, 1984
7:30 P.M.

Location: Philip Bender Farm 1½ mile West of Grantsville, Md. just off U.S. Rt. 40 on the Amish Rd. watch for the Auction Signs.

Many of these animals dams records over 20,000 lbs. and dams scoring to 92 pts.
Some of the Animals Selling:

Phil Ru Ultimate Inka (82)
(Potential very good)
milking over 80 lb
Dam Cove Run Startrek Bell Inn (86)
7-02 315 25,460 811
2nd Dam Cove Run Majesty Bell Inn (90)
9-8 365 29,290 1053
(over 200,000 lb to date)
Ramarli Marbeth Marlena her Dam
25,230 4 0 1,016
Due with first calf 7 8 84
A Grade Selling
2 06 20,136 Due Aug 25, 1984
Several just fresh milking over 80 lb
A Red & White Holstein selling

Auctioneers Note: The animals have been selected from good dairy herds in the Tri-County area and all meet interstate health regulations and interstate papers will be issued.

Terms: Cash, approved check, or bank approved letter of credit.

Sale Managed By:
CUSTER'S AUCTION SERVICE
Auctioneer
Robert Custer & Clark A Yoder
Deer Park Md Salisbury Pa
301 387 9035 814 662 2901

Pedigrees: Oren C. Bender
Accident, Md.
301-826-8340
Sale Under Roof
Refreshments Available

THE MAT-MAR FARM COMPLETE DISPERSAL

THURSDAY, AUGUST 2
11:00 A.M. Leesport, PA.

Leesport is on Route 61 just north of Reading, PA and south of Hamburg. Turn west at light in Leesport and go 1¼ miles to farm.

130 REGISTERED HOLSTEINS 130
This Excellent Grand Champion
Sells With Elevation & Columbus Dtrs
LIME ROCK ASTRONAUT SUE APPLE (EX)
5 7 353d 20 222 4 3% 883
1st 4 year old Best Udder Senior & Grand Champion Eastern PA Championship Show 1980 By Astronaut & from a VG 87 20 597 4 1% 863 dam She sells with an Elevation heifer bred to Chairman a January calf by Columbus and is bred to Elevation again

OTHER TOP COWS SELLING—
Mat-Mar Ivanhoe Criss (VG)
6 08 364d 24 413 4 0% 996
Due in August to Jet Stream
HerValiant yrlg also sells
Mat-Mar Sky Gem (GP-81)
4 07 344d 23 229 3 9% 897
Mat-Mar Lille King Kurt (GP-81)
5 07 351d 22 050 4 0% 891
Mat-Mar Franie Lane Rose (GP-83)
4 04 358d 21 713 3 8% 844
Mat-Mar Pearl Rocket (GP-83)
5 11 305d 24 182 3 2% 781
Mat Mar Blossom King
4 08 305d 20 390 3 3% 670

Plan now to attend the Dispersal of this long-established herd with the reputation of breeding the "Right Kind" of dairy cattle
RHA 17697M 3.6% 634F
A large number due Aug., Sept., Oct

Mat-Mar Farms, Inc.
Thomas Degler
RD 1, Leesport, PA 19533
215-926-1428

Pennsylvania Holstein Association
Sale Managers
839 Benner Pike
State College PA 16801
814 234 0364

BACKUS ASSOCIATES, INC
Sale Managers & Auctioneers
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Also Crippled & Down Cattle
MARLIN S. IRWIN
Quarryville, PA
PH: 717-786-3016

Dairy and Livestock Sales

Public Auction Register

Closing Date Monday 5 00 P M of each week s publication

FRI OCT 19 6 30 PM Public Auction of Feeder Cattle and Feeder Pigs Located at Keister's Middleburg Auction Sales, Inc , Rt 522, 3 miles east of Middleburg, PA , 5 miles west of Selinsgrove PA Don & Walt Keister Owners Ray Long & Dave Imes, Auctioneers

FRI OCT 19 7 PM Public Auction of State Graded Feeder Cattle Sale Located at the Penns Valley Livestock Auction, Centre Hall, PA Ron Gilligan Auctioneer

SAT OCT 20 Public Auction of 48 Acre Farm, Household Goods, Antiques & Farm Equipment Located between Strasburg and Paradise along Espenshade Rd Amos G & Edna V Hershey, Owners Robert E & Jeffrey R Martin, Auctioneers

TUES OCT 23 7 PM Public sale of Feeder Cattle and Feeder Pigs at Carlisle Livestock Market exit 12 off I 81 717 249 4511

FRI OCT 26 1 30 PM Public Auction Dairy Sale Located at the Penns Valley Livestock Auction Centre Hall PA Ron Gilligan Auctioneer

SAT OCT 27 Public Auction of 119 Acre Farm and Improvements Located in Narvon Rt 2, Salisbury Twp , Lanc Co , PA Verna E Martin, Owner Paul E Martin & John Stauffer, Auctioneers

SAT OCT 27 11 AM Public Auction of Horses Located at Keister's Middleburg Auction Sales, Inc , Rt 522, 3 miles east of Middleburg, PA , 5 miles west of Selinsgrove, PA Don & Walt Keister, Owners Ray Long & Dave Imes, Auctioneers

TUES OCT 30 7 PM Public Sale of Feeder Cattle and Feeder Pigs at Carlisle Livestock Market exit 12 I-81, 717-249-4511

WED OCT 31 - 12 Noon Annual Dairy Show and Sale at New Holland Sales Stables, Inc 12 miles East of Lancaster off Rt 23 in New Holland, PA Abe Diffenbach, Manager

NOVEMBER

FRI NOV 2 Monthly Cow Sale at Mel Kolb Inc Lancaster Farm 2220 Dairy Road, Lancaster, PA

FRI NOV 2 6 PM Public Auction of a Special Heifer Sale Selling 250 300 Heifers Some registered Open, Bred and Springing Heifers Located at the Belleville Livestock Market, Belleville, PA Mark Glick, Auctioneer

TUES NOV 6 7 30 PM Public Auction Feeder Sale with Weekly Sale Located at the Penns Valley Livestock Auction Centre Hall PA Ron Gilligan Auctioneer

FRI NOV 9 9 00 A M Public Sale of Farm Equipment at New Holland Sales Stable, Inc Located 12 miles East of Lancaster off Rt 23 in New Holland PA Abe Diffenbach, Manager

FRI NOV 9 1 30 PM Public Auction of State Grade Consignor Feeder Pig Sale Located at the Carlisle Livestock Market, Inc

THURS NOV 15 Monthly Cow Sale at Mel Kolb Inc , Maryland Farm, Woodsboro, MD, ½ mile North West of Woodsboro on Rt 550 in Frederick Co

FRI NOV 16 - 6 30 PM Public Auction of Feeder Cattle and Feeder Pigs Located at Keister's Middleburg Auction Sales, Inc , Rt 522, 3 miles east of Middleburg, PA , 5 miles west of Selinsgrove, PA Don & Walt Keister, Owners Ray Long & Dave Imes, Auctioneers

SAT NOV 17 9 30 AM Public Auction of an 85 acre Dairy farm, ready to operate 1 PM Also selling Farm Machinery Located 1½ miles south of Gap Christian K Lapp Estate Naomi F Lapp & Thomas C Lapp Executors For inspection of farm 717-442 4452 or 442 8501 Steve Petersheim, Auctioneer 786 4624

FRI NOV 23 1 30 PM Public Auction Dairy Sale Located at the Penns Valley Livestock Auction Centre Hall, PA Ron Gilligan Auctioneer

SAT NOV 24 11 AM Public Auction of Horses Located at Keister s Middleburg Auction Sales Inc Rt 522 3 miles east of Middleburg, PA 5 miles west of Selinsgrove, PA Don & Walt Keister Owners Ray Long & Dave Imes Auctioneers

DECEMBER

FRI DEC 7 Monthly Cow Sale at Mel Kolb, Inc Lancaster Farm 2220 Dairy Road Lancaster, PA

FRI DEC 14 1 30 PM Public Auction of State Grade Consignor Feeder Pig Sale Located at the Carlisle Livestock Market Inc

THURS DEC 20 Monthly Cow Sale at Mel Kolb, Inc , Maryland Farm, Woodsboro, MD, ½ mile North West of Woodsboro on Rt 550 in Frederick Co

JANUARY

TUES JAN 1 - 7 30 PM Public Auction of Weekly Sales Located at the Penns Valley Livestock Auction, Centre Hall, PA Ron Gilligan, Auctioneer

SUMMER SIMMENTAL SALE
SATURDAY, AUGUST 4, 1984
1:00 P.M. Quarryville, Pa.

At the Shady Lane Sale Facilities, ½ mile west of Quarryville on Rte 372, then left on Oak Bottom Rd.

60 SIMMENTAL SELLING

24 Purebred Females
16 ¾ Females
17 ½ Females
3 Purebred Yearling Bulls

Most of the females will have calves at side and/or bred back. Some open females for show or brood cow prospects. Yearling Bulls will be ready to service cows.

This sale features one herd dispersal plus several consignors that are located around the beautiful Lancaster County. Visit the Pennsylvania Dutch countryside and attend this good female sale.

GOOD PEDIGREES— SEVERAL POLLED

For More Information Contact:

Sale Coordinator
WAYNE STOUGH
R.D. 1, Box 1197
Spring Grove, PA 17362
(717) 225-6279

Sale Manager
STOUGH LIVESTOCK SERVICES
3882 South Cochran Rd.
Charlotte, MI 48813
(517) 543-6670

SALE EVERY TUESDAY
Graded Sale
1st Tuesday each month
2 P M
Horse Auction
2nd Saturday each month
1 P M
FAUQUIER LIVESTOCK EXCHANGE
Marshall, Va
703-364-1566

EARL HARRIS
COMPLETE DISPERSAL
TUESDAY, AUGUST 7, 1984
11:00 A.M. Watsontown, PA

Directions: Sale at the farm just north of Danville exit of I-80. From Danville follow Rt. 54 north of Washingtonville. Turn left on Ottawa Rd. Turn right at 2nd road to 1st farm.

-110 REGISTERED HOLSTEINS 110-
These Top Elevations Sell

HARRIS-VUE RORAE MARY (VG)
4-4 300d 23,235 3 7% 865
Due November to Chairman

HARRIS-VUE ELEVATION L C (VG-87)
5 9 353d 20,840 3 6% 748
Due sale time to Sexation Sells with dtrs by Cavalier L H Mars Fury Ivan and Astronaut

HARRIS-VUE RORAE BETTY (VG-87)
3-3 303d 19,703 3 7% 720
Due September to Victorian
Daughters sell by Sexation & Boot Nick

HARRIS-VUE RORAE SHARON (GP-84)
3 1 365d 26 018 4 0% 1067
Due sale time to Victorian

Other good ones sell by Persuader 10, Lucky 7 Jet Stream 6, L H Mars 5, Cavalier, Milestone, Triple Threat, Grand Fortune Creek Boot Nick and Valiant

SELLING
19 over 20,000 pounds of milk
with 2 over 25,000 .
14 more from 17,000 to 19,000
-Cows selling are accustomed to Free Stalls-
-Herd is Certified & Accredited-

MISCELLANEOUS ITEMS TO BE SOLD

Semen Tank (XR16) & Small amount of Semen, Breeding Kit, Lincoln Welder, Fogger, Double SS Sink, Cow Kicker, pill gun, shocker, vise, grinder, weed wacker (Gas)

5 H P Motor, 3 H P Motor, ¾ HP Motor, Wire, Spare Tire (Wagon), Sump Pump, 4 Bags of Seed Corn, 30-80 lbs (10-20-10) Agway Corn Starter, 1 Surge Milker, Wagon Rims, Cum Along, Int 856 Diesel Tractor w/M&W Turbo Kit, less than 6,000 hrs , #56 Int 4 Row Corn Planter w/Grandy Boxes, 7' Vermiel Rock Rake, NH #25 Blower

PLAN NOW TO ATTEND THIS GOOD HERD DISPERSAL
EARL W. HARRIS
R.2, Watsontown, Pa.
717-538-3185 717-437-2888
Sale Managed Jointly by
Pennsylvania Holstein Association Sale Managers 839 Benner Pike State College PA 16801 814 234 0364
Write For Catalog
BACKUS ASSOCIATES, INC Sale Managers & Auctioneers Mexico N.Y.

PUBLIC AUCTION
FRIDAY, AUGUST 3rd, 1984 10:00 A.M.
DAIRY HERD DISPERSAL HOLTWOOD, PA
160 HEAD HOLSTEIN COWS & SPRINGING HEIFERS
FARM EQUIPMENT

J.D. 630 Narrow Front, Gas, P.S., Army Generator PTO 40 KW., 730 Case w/Front Diesel, P.S., 8 Sp., Gehl 2600 Skid Loader Hydrostatic Drive, Gehl 99 Hi-Throw Blower

NOTICE: Above Equipment Sold At 10:00 A.M. - About 20 Minutes No Small Items - Cows Will Follow Be On Time.

Good Young Herd Of High-Bred Holstein Cows. Mostly 1st. And 2nd Calf Heifers - Featuring In This Herd - Bull Glendale Arlinda Cheif Son Out Of A King Pin Dam - Half-Brother To Valiant All Heifers 3 Yrs. Or Younger Are From This Great Bull.

20 Years On DHIA Test Herd Accredited And Certified For Last 25 Years:
65 Head Of Mature Cows - Full Flow Of Milk
60 Head Of Fresh Or Closing Springing Heifers
45 Head In All Stages Of Lactation
25 Head Fresh Within Last 30 Days
40 Head Due To Freshen Within The Next 30 Days

Health Charts & Production Records Available On Each Animal Day Of Auction. Blood & TB Tested Within Last 30 Days For Interstate Shipment:

TERMS: Check ONLY If Established With Auctioneers. All Other Checks Must Have Approval Or Cash.

Auctioneers:
Norman E. Hunter
Parkes T. Williams
PA Lic. #AU 002131 L
AUCTION SERVICE

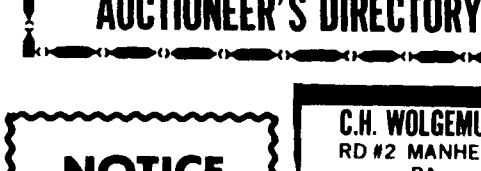
Auction Ordered By:
MILLER G. McDOWELL, JR.
Oxford, PA 19363

HUNTER'S SALE BARN, INC.
RT. 276 - BOX 427
RISING SUN, MD 21911
301-658-6400

Directions To Auction: From Rt. 272 10 Mi. South Of Lancaster At The Bottom Of The "Buck Hill". Go West On Rt. 372 4 Miles To Muddy Run Park, Turn Left Into Muddy Run Park 1st. Farm On Right. Jacob R. Groff Farm. Signs Posted Day Of Auction.

Be On Time - Hauling Available - Lunch Served

"CECIL COUNTY'S LEADING AUCTION SERVICE"



AUCTIONEER'S DIRECTORY

NOTICE

To assure that your Public Sale appears in the Public Sale Section we must have your advertisement by 4 P.M. Tuesday of each week's publication

C.H. WOLGEMUTH
RD #2 MANHEIM PA
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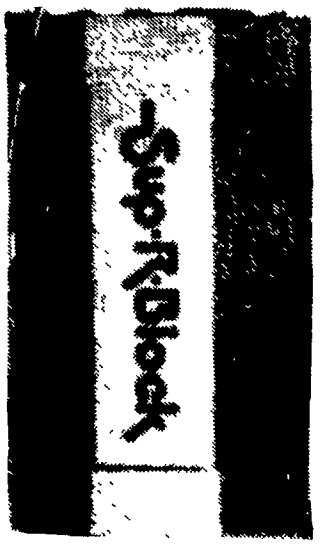
Dairy Sup·R·Block™

THE LIQUID PROTEIN SUPPLEMENT THAT ISN'T LIQUID

Purina® technology transforms liquid to block form for superb nutrition, feeding convenience and outstanding weather resistance.



A REAL PURINA EXCLUSIVE!

- A Highly Palatable 22% Protein, 500 lb. Molasses Based Block. Use as a grain stretching supplement to your dairy animals.
- Provides Vitamins A, D, and Minerals Magnesium, Calcium, Phosphorous, Iodine, Salt etc.
- Use 1 Block per 25 Animals.

CONVENIENT: Place in trough or on ground. One block will last 25 animals about 8 days, avg. 2 lb./hd./day.

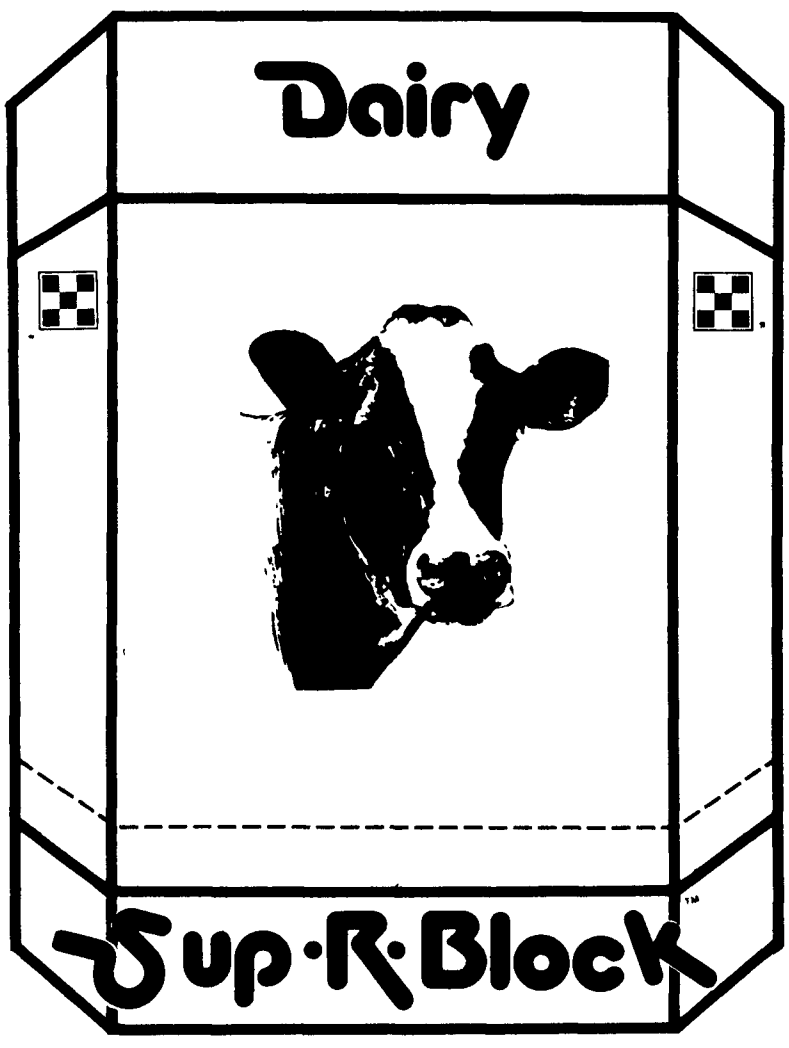
VARIED USES: Feed your dry cows, growing heifers, and designed to meet the needs of challenge feeding your milking cows!

UNIQUE FORMULATION: Balanced, helps assure consumption while supplementing forages to provide balanced nutrition.

And:

!WEATHERPROOF!

You buy blocks for convenience, but a good rain will wash conventional blocks away and a hot sun will dry conventional blocks until they crumble. Not Sup-R-Block. It stands up to any weather. Sun can't melt it. Water rolls right off. You get all the convenience of a block with absolutely no waste... and that means savings for you.



Cardboard Cap - Pops Off

Lay In A Feeder, or Cut Along Dotted Line, Peel Case Off, And Set Up. Right On Base. (Leave Lower Part Of Cardboard Case On As Your Base)

WATCH FOR INNOVATIVE EXPANSION OF OUR BLOCK LINE THIS FALL.

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23 N PARK ST RICHLAND PA 17087

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RUSHLAND PA 18956

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WOODSTOWN N J 08098

SOUTHERN DIVISION
West Willow Farmers Assoc Inc
PHONE 717 529-2113
RTE 472 AT UNION PA
RD 1 OXFORD PA 19363

WEST WILLOW FARMERS ASSN., INC.
PHONE 717 464 3386
WEST WILLOW PA 17583